

# THE AMERICAN School Board Journal



WM. GEO. BRUCE  
Publisher.

Subscription Price  
200 a year

May, 1896.



HON. W. A. HUNT,  
President Associated School Boards  
of Minnesota.

No. 5.

Vol. XII.

NEW YORK AND CHICAGO.

THE PRICE OF THIS JOURNAL HAS BEEN REDUCED TO \$1. PER YEAR.

## EASTERN • TEACHERS' • AGENCY,

E. F. FOSTER, MANAGER.

Telephone 775-2.

50 Bromfield Street, Boston, Mass.

## The Bridge Teachers' Agencies,

C. A. SCOTT & CO. Prop.,  
Offices: 110 Tremont St., Boston.  
169 Wabash Av., Chicago.  
Correspondence solicited with employers of teachers.

## THE COLORADO TEACHERS' AGENCY.

Can materially assist School Directors in Colorado and adjoining States in the selection of competent teachers. Send to us for your teachers.

FRED. DICK, MANAGER.

Room 303, McPhee Building,

DENVER, COL.

## CENTRAL EDUCATIONAL BUREAU

Studies ADAPTATION and thoroughly INVESTIGATES all candidates.  
Competent teachers cheerfully recommended. Established 1880.

1330 ARCH STREET,

PHILADELPHIA.

## ALBANY TEACHERS' AGENCY

Provides Schools of all Grades with Competent Teachers. Assists Teachers in Obtaining Positions. Correspondence is Invited.

Harlan P. French, Manager, 24 State St., Albany, N. Y.

## Winchell's Teachers' Agency and Lecture Bureau,

262 Wabash Ave.,  
CHICAGO.

120 Tremont Street, Boston.

37 West 10th Street, New York.

## METROPOLITAN TEACHERS' AGENCY,

Irving Hazen, Mgr., 28 West 23d St., New York.

Fifth Avenue and Broadway.

## THE FISK TEACHERS' AGENCIES.

EVERETT O. FISK & CO., Proprietors.

SEND TO ANY OF THESE AGENCIES FOR 100-PAGE AGENCY MANUAL, FREE.

4 Ashburton Place, Boston, 70 Fifth Ave., New York, 1212 Twelfth St., Washington,  
355 Wabash Ave., Chicago, 25 King St., West Toronto, 429 Century Bldg., Minneapolis,  
728 Cooper Bldg., Denver, 107 Keith & Perry Bldg., Kansas City, 525 Stinson Block, Los Angeles.

## TEACHERS SEEKING BETTER POSITIONS

and Superintendents and School Boards needing thoroughly competent teachers should correspond with H. N. ROBERTSON, Mgr., Southern Educational Bureau, Memphis, Tenn.

## THE EDUCATIONAL EXCHANGE,

49 WESTMINSTER ST., PROVIDENCE, R. I.

No charge to school officers for recommending competent candidates. Good teachers in demand. Registration blanks for teachers, or application forms for facilitating correspondence of school officers, free on application.

Are YOU ready?  
Sudden vacancies  
are every day occurring.

THE  
**ALBERT & CLARK  
TEACHERS' AGENCY**

enlarge the  
of teacher's horizon  
of opportunities.

C.J. ALBERT PULLMAN BLDG; CHICAGO. B.F. CLARK.



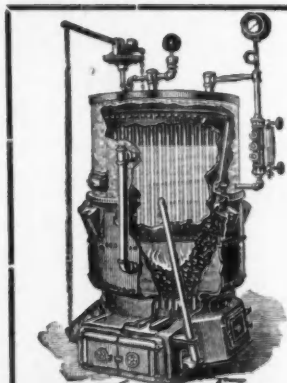
## TEACHERS CO-OPERATIVE ASSOCIATION

101 The Auditorium Building  
-- CHICAGO --

ESTABLISHED IN 1884.

POSITIONS FILLED, 4,000.

Seeks Teachers who are ambitious for advancement rather than those without positions.



## THE "Gorton Side-Feed" BOILER

Is just what you want for Steam and Hot Water Heating. It has advantages over any other boiler on the market. Send for book "Modern House Heating" and investigate for yourself. Mailed free on application.

GORTON & LIDGERWOOD CO.,

96 Liberty Street, New York City,  
CHICAGO-BOSTON.

AGENCIES are a nuisance, some school boards think, and have good reason to think. For some agencies are a nuisance. An Agency run by an unknown and irresponsible manager is a nuisance. An Agency that makes its money chiefly from registration fees is a nuisance. An agency that deals only in information of vacancies, and guesses most of them, is a nuisance. An Agency that pays teachers to tell it about vacancies is a nuisance. An Agency that pays superintendents and principals for employing its teachers is a nuisance of the worst kind. Now what is the remedy of school boards against these nuisances—to cry kind. Now what is the remedy of school ARE down all agencies and attempt to employ no Agency teachers? No, that is impossible, for 95 per cent. of all good teachers are registered in Agencies. The remedy is to apply to an Agency that is not a nuisance—that is known to be managed honorably and intelligently. Write to this Agency in confidence. If you desire, nobody, not even the man selected, need know there is to be a vacancy till you have looked up the new man, and chosen him wisely. A NUISANCE. When you have dealt with us you won't call all Agencies

THE SCHOOL BULLETIN AGENCY, C. W. BARDEEN, Syracuse, N. Y.

150 Fifth Ave., New York. Established 1880.

## E. Miriam Coyrieve, Teachers' Agency

Colleges, schools and families supplied. Teachers placed. Schools conscientiously recommended to parents. Musical department. School property rented and sold.

95%

of the positions filled by us last year were direct applications from School Officials.

## BEACON TEACHERS' AGENCY,

P. I. MERRILL, Manager,

120 TREMONT STREET, BOSTON.

## WINSHIP TEACHERS' AGENCY

WE MAKE PERSONAL SELECTIONS FOR THOSE WANTING FIRST-CLASS TEACHERS.

3 Somerset Street, - BOSTON.

W. F. JARVIS, Manager.

## NEWAMERICAN TEACHERS AGENCY

(The C. B. Ruggles Co.)

Offices: 1257 Euclid Ave., Cleveland.

Room 47, Wiggins Bldg., Cincinnati.

Old, solid, conscientious, successful. Furnishes high grade Teachers, Principals, Superintendents, Governesses, Draughtsmen, Chemists, Pharmacists, Musicians, Electricians and Engineers. Send for circular.

## HARVARD UNIVERSITY SUMMER SCHOOL.

For pamphlet giving full information apply to

M. CHAMERLAIN, Cambridge, Mass.

## J. M. OLCOTT,

HEADQUARTERS FOR  
Wall Maps, Globes, Natural Slate Blackboards,  
and all kinds of SCHOOL SUPPLIES,  
9 West 14th St., New York.

## KINDERGARTEN

AND SCHOOL SUPPLIES. J. W. SCHERMERHORN & CO.  
East 14th Street,  
New York.  
Send for new Catalogue.

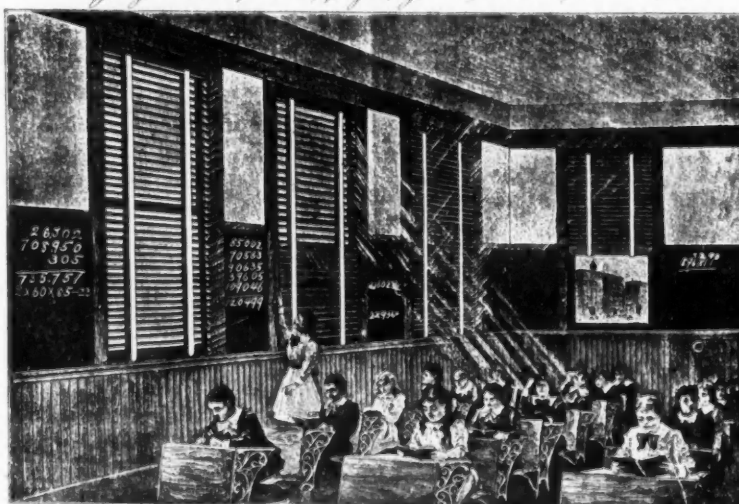
## Superintendents and Boards of Education

Should know that we handle a superior line of Maps, Globes, Reading Charts, Flags, etc., at lowest rates. Practice, Test, Examination, Drawing, Legal, Foolscap or Typewriter Papers; Writing, Spelling, Specimen and Language Books, Mimeographs and supplies. Typewriter ribbons and supplies, always in stock at prices lower than you ever bought them before. Everything in school and office supplies. Write us.

SCHOOL AND OFFICE SUPPLY CO., Grand Rapids, Mich.

## SCHOOL BLINDS

"Showing regulation & control of light by our Venetian School Blinds"



Save the traveling expenses of an agent by writing for special prices

We also manufacture ROLLING PARTITIONS which are in general use for subdividing large rooms in Schools and Churches. Write for Catalogue and prices.

H. B. DODGE & CO.,

Suite 933, 108 La Salle St. Chicago.



## CHICAGO KINDERGARTEN COLLEGE. SUMMER SCHOOL OF PEDAGOGY.

This meeting will be held from July 1st to July 11th, inclusive. The School is intended to meet the needs of all educators, whether kindergartners, public or private school teachers, or principals. The instructors in every department are specialists. The subjects taught will be the philosophic study of Froebel's theory of education, as given in the *Mutter und Koselieder* (Mother-play Book); also the Gifts, Occupations, Games, Music, Physical Culture, Critical Study of English, Great Literature, Psychology, Pedagogy, Correlation of Studies, Methods of Instruction in Primary Schools, Science and Mathematics, as applied to the Kindergarten and lower grades of school work in accordance with Kindergarten principles.

The instruction will be given by members of the College Faculty and distinguished educators from other institutions. In addition, there will be a Course of Lectures by eminent speakers.

For further information, terms, etc., address

## CHICAGO KINDERGARTEN COLLEGE.

110 Van Buren Street, Chicago, Ill.

N. B.—Circulars will gladly be sent to anyone desiring to distribute them.

## BROOKS'S NEW ARITHMETICS

THE NORMAL FUNDAMENTALS OF ARITHMETIC,  
THE NORMAL STANDARD ARITHMETIC,

By EDWARD BROOKS, A. M., Ph. D., Superintendent of Philadelphia Schools.  
An Entirely New Series in Accordance with Modern Methods.

THE PRIMARY WORD-BUILDER,  
THE ADVANCED WORD-BUILDER,

Two New Consecutive Logical Systematic Spelling Books.  
By A. J. BEITZEL, A. M., Superintendent of Cumberland Co., Pa., Schools.

WELSH'S PRACTICAL ENGLISH GRAMMAR,

By JUDSON PERRY WELSH, A. M., Principal of Bloomsburg, Pa., State Normal School.

CHRISTOPHER SOWER CO., Publishers,

614 Arch Street, PHILADELPHIA.

## Standard Literature for Schools

ON A PLAN THAT IS

Original,—Practical,—Economical.

THE SPY,	- - - - -	James Fenimore Cooper,
THE PILOT,	- - - - -	James Fenimore Cooper,
ROB ROY,	- - - - -	Sir Walter Scott.
THE ALHAMBRA,	- - - - -	Washington Irving.
CHRISTMAS STORIES,	- - - - -	Charles Dickens.

ARE NOW READY.

Enoch Arden and Other Poems by Tennyson; Kenilworth, by Sir Walter Scott to follow. Other authors in preparation.

The connected story is given in each number. It is given in the author's own words. Each work is condensed by omitting unimportant matter so as to make it possible to read a large number of writers in the limited time of a school term. Each book is cheap.

Published semi-monthly. Single number, 12½ cents. Double number, 20 cents. Special discounts to schools and dealers.

Send for a Sample Copy.

## University Publishing Co.,

New York. New Orleans. Boston

### PRICE LIST.

Lowe & Butler's Bellum Helvetium	.....\$1.00
Lowe & Ewing's Caesar, with separate text	.....1.25
Johnston's Cicero, with separate text	.....1.25
Riggs' In Latinum, Caesar and Cicero, each	......60
Barber's Latin Charts, with stand	......80
Collins' Text Book of Algebra	.....1.00
Straw's Lessons in Expression	......30
Boltwood's Higher Speller	......30
Essays on Friendship, Cicero, Bacon and Emerson	.....1.50
Princess Ise, Illustrated	.....1.25
Choice of Books, Harrison	......75
Homer and Pre-Homeric Literature	.....1.00
Madison's Journal of Constitutional Convention, Library ed., 2 vols	.....5.00
Students' ed., 1 vol	.....2.50

Send for Portrait Catalogue.

SCOTT, FORESMAN & CO.,

Educational Publishers,  
355 Wabash Ave., CHICAGO.

### HAHNEMANN Medical College and Hospital, OF CHICAGO, ILLINOIS.

The Thirty-seventh annual course of lectures in this institution will commence September 15, 1896. New college building, elevators restaurant, reading rooms and laboratories. Everything modern. Experienced teacher. Equality in sex. For Lecture Card and Announcement address J. R. COBB, M. D., 2811 Cottage Grove Ave., Chicago.

### FREE!

To our Subscribers. Large Engraving entitled "State and Territorial Superintendents of the United States."

WM. GEO. BRUCE, Publisher.

Natural Slate Blackboards, Crayons;  
"America's Best" Triple Tenon School Slate;  
Slate or Marble Tiles, Urinals, etc.

A. D. HOBBIE,  
32 Church St., New York.

Correspond with largest School Supply House in the Country.

## THE GREENWOOD SCHOOL SUPPLY CO., 10-12-14-16 East Boardman Street, YOUNGSTOWN, O.

Write To-day. Don't Delay. You Will Not Regret Having Done So.

### TO BOARDS OF EDUCATION AND SCHOOL OFFICIALS.

In making up your list for Supplies do not fail to include the

"MULTUM IN PARVO" RECORD.  
(COPYRIGHTED.)

Prepared with special reference to the needs of School Districts, and arranged for the convenience of Superintendents and Secretaries as a handy and complete form for keeping an accurate and compact register of Books and Supplies in use. The Record, which has been highly recommended, will last from ten to twenty-five years, according to the size of the district using it. Full explanations with each book. Write for Circulars.

CHAS. B. OPP, Publisher,

220 Garrison St., Bethlehem, Pa.

If you want FRENCH BOOKS, books of any description—School Books, Standard Books, Novels, etc.—send to WILLIAM R. JENKINS, Publisher and Importer 851 and 853 Sixth Avenue (48th Street), New York. Complete catalogue on application. Importations promptly made.

### BOOKS AT LESS THAN COST

—INCLUDING—

Art Works, Rare Books, and Fine Editions of Standard Authors. You can own a good edition of your favorite author at less than a cheap edition would cost you ordinarily. Send for latest "Special Bulletin" to

B. T. CALVERT, 804 Locust Street, Philadelphia, Pa.

Special  
Announcement.

E. H. Butler & Co.,  
Publishers.

WE take pleasure in announcing that we have purchased from Mr. E. O. VAILE, the popular and well-known series

Vaile's Vertical Writing  
Copy-Books,

and that we will continue the publication of the same.

We invite the attention of teachers and school officers to these books and also to our other new publications including

Hazen's Readers,  
Hull's Arithmetics,  
Hull's Algebra,  
Butler's Geographies,

and a full line of standard and popular school text books.

Correspondence with reference to the use of these books is invited, and will receive prompt attention.

Address

E. H. Butler & Co.,

211-213 Wabash Ave.,

220-222 South 5th St., CHICAGO.  
Philadelphia.

## NEW DEPARTURE.

High Art in Primary Education.

### FAIRY TALE AND FABLE

By THOMPSON.

Reader for First and Second Year. Attractive re-arrangement of Fables and Folk Stories.

Exquisite Artistic Features.

Reproduction from Landseer, Bonheur, Troyon, Douglas, Carter, Von Bremen, etc.

Adopted by New York, Brooklyn, Denver, Chicago, New Haven, Buffalo, Worcester, Lawrence, Etc., Etc.

Introductory Price, - - 33 Cents.

### NEW CENTURY BUSY WORK

Moved and effective instruction for the first year. An Object and Nature Study. Pupil can use without assistance.

### HIGH ART ILLUSTRATIONS.

Seventeen distinct sets in boxes.

Sample Sets Mailed for 15 Cents.

### A NATURE CALENDAR

An invaluable Memorandum to Students of Nature. 140 pages, flexible cloth, price, 30 cents. Liberal discount to schools.

### NEW CENTURY DEVELOPMENT MAPS.

Best, cheapest and most convenient for use. In blocks of 50. Outline Maps.

Sample Blocks, 24 Cents.

## The Morse Company,

Successors to The New Century Educational Company,

96 Fifth Avenue, NEW YORK.

113 Devonshire St., BOSTON.

The Educational Series of  
**VERTICAL  
PENMANSHIP**  
By ANNA E. HILL,  
Supervisor of Penmanship in the schools of Springfield,  
Massachusetts.

**PROGRESSIVE — EDUCATIONAL.**  
Made by the FINEST PENMAN and the MOST SUCCESSFUL INSTRUCTOR of  
penmanship connected with the NEW ENGLAND SCHOOLS.  
Copies engraved by the best available talent.  
THESE COPY-BOOKS present features of SUPERIORITY over all competitors.  
Prices low. Terms reasonable.  
Samples cheerfully furnished to Superintendents, Teachers, or Members of  
Boards of Education. CORRESPONDENCE SOLICITED.

**LEACH, SHEWELL & SANBORN,**  
110-112 Wabash Avenue, CHICAGO

## Chicago Free Kindergarten Association

Organizes a Normal Class every September.

### FACULTY:

Eva B. Whitmore, General Supt. Miss Anna E. Bryan, Principal.  
Emma G. Lumm, Physical Culture.  
Josephine Locke, Color.  
Prof. L. C. Mouin, Armour Institute, History.  
Mari R. Hofer, Vocal Music.

### SPECIAL LECTURERS.

Dr. F. W. Gunsaulus, President Armour Institute,  
Prof. Jno. Dewey, University of Chicago, Educational Psychology.  
Prof. T. Roney, Dean Armour Institute, Literature.  
Prof. H. Donaldson, University of Chicago, Growth of Brain.

For particulars address,

**FREE KINDERGARTEN ASSOCIATION, (Armour Institute,)**  
Corner 33d and Armour Avenues, CHICAGO, ILL.

**SCHOOL OF —ART, LITERATURE, ORA-  
EXPRESSION TORY.** Thorough Methods  
for Best Students. 44 Re-  
citals. **SUMMER TERM, Plymouth, Mass.,**  
July 8. Catalogue free. Also specimen copy  
of the new review, Expression. Address, S. S.  
CURRY, Ph.D. or EXPRESSION, 458 Boylston  
St., Boston Mass.



### SCHOOL COLLECTIONS.

50 typical Rocks,  
100 important Minerals,  
50 representative Fossils.  
All classified to illustrate Dana's Mineralogy  
and Geology. Delivered, freight paid, at low  
prices, in sizes suitable for School Cabinets.  
Teachers or Students Dana's latest work "Min-  
erals and how to Study them" for \$1.30 postpaid  
Catalogue and prices for stamp. 11th year in  
the trade. 100,000 specimens.  
L. W. STILWELL, Mineralogist Deadwood, S. D.

**R. W. Heine,**

Art School-Water Color Studio  
339 East Water Street,  
MILWAUKEE, WIS.

A NORMAL SCHOOL AND  
UNIVERSITY GRADUATE  
of sound learning, broad culture, var-  
ied experience, and executive capac-  
ity, who, as a traveler and newspaper  
man, has been, for years, a critical  
student of teachers and teaching, in-  
vites correspondence with progres-  
sive

SCHOOL BOARDS OR OTHER  
EDUCATIONAL AUTHORITIES  
requiring or desiring the services of  
a competent

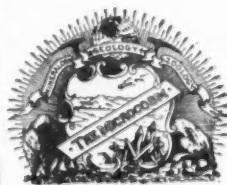
PUBLIC **SUPERINTENDENT**  
SCHOOL

(OR)  
NORMAL **PRINCIPAL.**

Address: T. S., 123 W. 82 St., New  
York.

## Relief Maps,

Systematic  
Collections



**MINERALOGY, GEOLOGY, ZOO-  
LOGY FOR SCHOOLS OF  
ALL GRADES.**

LANTERN SLIDES, ETC.

### Washington School Collections.

Minerals, Rocks, Invertebrate Animals.

No collections of equal excellence have ever  
before been offered in this country at so low  
a price (\$2 and \$3.50 each). Send for circular

**EDWIN E. HOWELL,**

612 17th St., N. W. Washington, D. C.



## SCHOOL DESKS SCHOOL SUPPLIES

## UNITED STATES SCHOOL FURNITURE CO.,

315-321 Wabash Ave  
CHICAGO

Sidney  
OHIO

74 Fifth Ave  
NEW YORK

We have the Best Line of Adjustable Desks on the Market  
for those purchasers who prefer the Adjustable Principle.



**ARE THE BEST.**

Practice Papers, Composition Papers, Examination Blanks,  
Drawing Papers, Tablets, Pads, Composition Books.

All White Papers are Water-marked,  
"STANDARD SCHOOL PAPER."

Send for Sample Book, (Free.)

For Sale by All Leading School Supply Houses.

**SMITH & WHITE M'F'G. CO.,**  
**HOLYOKE, MASS.**

Chicago Office: 177 Monroe St.

**C. F. RASSWEILER & CO.,**

MANUFACTURERS AND PUBLISHERS OF

**YACCY'S GEOGRAPHICAL PORTFOLIO,**

and General School Supplies,

211-213 Madison Street,

CHICAGO.

AGENTS WANTED.

**MORSE MACHINE CO.,  
ROCHESTER, N. Y.**

DRAUGHTING  
ROOM  
FURNITURE  
CAT-  
A-  
LOGUE  
FREE.

1896

20 STYLES AND SIZES

WHY NOT USE A TABLE  
THAT CAN BE  
EASILY AND QUICKLY ADJUSTED TO ANY  
POSITION?

**SPECIAL TO SCHOOLS AND COLLEGES:**  
Our new table adapted especially for use in  
schools and colleges is now ready. Send for  
special circular.



## SCHOOL SUPPLIES!

We have Books and Blanks for teachers and School officers. We have special advantages in **Slate Blackboards and School Desks.** Write for delivered prices. Send for Catalogue.

**W. M. WELCH & CO.,**  
56 Fifth Avenue, CHICAGO.

### THE "Best" Eraser —EVERLASTING.—



The "Best" Eraser is made of worsted carpet yarn, securely fastened with copper wire, similar to the best hair brushwork. A favorite with all persons using the blackboard and crayon. The best is as easy to get as the poorest, and in service much less expensive.

Price per dozen, \$4.00.

Sample mailed on receipt of 35 cents.

#### GENTLEMEN:

Ten years ago I received from you a sample of your "Best" Blackboard Eraser.

It has been in use ever since, and is still good for further service.

In my long experience in the schoolroom have used many kinds of blackboard erasers, but none so satisfactory as this.

It well deserves the name "Best," and while its durability is considered, I think it must also be the cheapest.

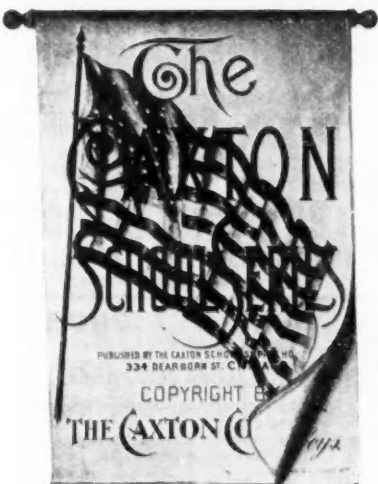
If I were buying erasers for a school of my own, I should certainly give it the preference.

Yours truly,

ALFRED BUNKER,

Master of Quincy Grammar School, Boston.

**BOSTON SCHOOL SUPPLY CO.**  
15 Bromfield St., BOSTON.



The Caxton School Series on Tripod.

In fifty-four lithographed pages, each page 2 feet by 3 feet, this Series thoroughly treats Reading, Arithmetic, Writing, Drawing, Political Geography and Physical Geography, Business Forms, Book-keeping, Civil Government, Political Economy, Music, History and Physiology.

Agents wanted to push the sale of this and other specialties, Furniture, and all apparatus, needed in the school room. Address

**THE CAXTON COMPANY,**  
CHICAGO, ILL.

## THE TEACHER TESTIFIES.



The occupants of a school room during the winter months are the best witnesses to the success or failure of a heating and ventilating system.

Wherever the Peck-Williamson system is in use the teacher testifies to its efficiency. The success which has attended its use everywhere in school houses, from the east to the far west attest to its value. School boards having installed the Peck-Williamson give it the preference whenever new buildings are contracted for. Its merits are its own recommendation. It is not an experiment. It has an established reputation.

Send for Catalogue and Information.

## The Peck-Williamson Heating & Ventilating Co.

CINCINNATI, OHIO.

MINERAL  
WOOL

SAMPLES  
AND CIRCULARS FREE.

**WESTERN MINERAL WOOL CO.**  
AMERICAN MINERAL WOOL CO., LESSEE.

OFFICES:  
402 THE CUYAHOGA, CLEVELAND, O.  
1549 THE MARQUETTE, CHICAGO, ILL.  
2 COURTLANDT ST., NEW YORK.

BEST  
INSULATION.  
& DEAFENING.  
FIRE-PROOFING.

Adopted by the New York City School Board Last Month.

IF FREE TEXT-BOOKS are furnished in your Schools,  
YOU NEED THE



G. W. HOLDEN, President.  
H. P. HOLDEN, Treasurer.  
M. C. HOLDEN, Secretary.

## "Holden System for Preserving Books"

"Its cost is trifling compared with the great amount saved in wear and tear of books, and immense gain in neatness."—J. A. GRAVES, Principal South School, Hartford, Conn.

Used by over 700 Prominent School Boards—All Praise it.

Do not allow your text-books to go unprotected another year. 107 additional School Boards adopted between Sept. 1, and Dec. 1, 1895. Send Now for samples and information free to any address.

**Holden Patent Book Cover Company,**

SPRINGFIELD, MASS. (P. O. Box 634 E.)

No Seats to Split or Come Apart!

No Wood to Warp and Put a Strain upon Castings!

No Noisy Hinges to Add Confusion to the School Room!

**THE CELEBRATED**

# "REGAL" SCHOOL DESK,

MANUFACTURED BY THE

**Cleveland School Furniture Co.**

1911-1921 Harvard St., Cleveland, O.

Two Hundred Thousand in Daily Use and Giving Perfect Satisfaction. The Most Comfortable, Durable, Handsome, and Best Made Desk in the Market.



THE REGAL.

The Desk Combines the Elements of . . .

**PERFECTION, COMFORT, GRACE, BEAUTY, STRENGTH and DURABILITY.**

Recommended by Educators and Physicians on account of its shape, and perfectly adapted to the requirements of the modern school room. Eleven sizes made, making it possible to seat each pupil healthfully and comfortably.

This method of construction is called the built-up process and is recognized by wood-workers as the most perfect method of putting woods together. They will not crack, warp, split or come apart. They are light, handsome and graceful. The seat, while strong, is flexible and yielding, and pupils occupying the "REGAL"

desk progress more rapidly in their studies. If you wish a handsome article of furniture for your school room and a comfortable desk for your pupils, write us for terms and prices.

## THE TRUE HYGIENIC SEATING.



Remember that the oblique movement increases or diminishes the distance between Desk and Chair, which is quite as important as the up and down movement.

Imagine a lifting-lid that will not fall by its own weight, and that will always keep in order.

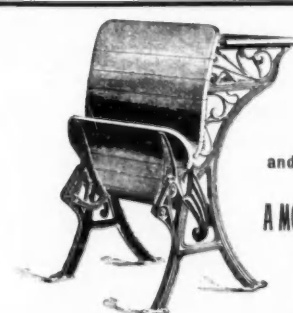
Be up to the times and inquire into these improvements.

Write direct to the factory, which has been established just twenty-five years.



**NEW JERSEY SCHOOL-CHURCH FURNITURE CO.,**

TRENTON, NEW JERSEY.



SELF FOLDING DESK Contains Beauty Strength Durability and Convenience

A MODEL SEAT in every respect.

Send for catalogue.

The Marshall School Furniture Co., MARSHALL, MICH.

**BARTLETT BROS.,**

Patentees and Manufacturers of

**HEAT EQUALIZERS and THERMOGRAPHS**

For Indication, Temperature, Pressure or Fire Alarm from distant points. For Schools, Churches, Cold Storage and Public Buildings generally.

Offices 716-717, 116 Euclid Ave., CLEVELAND, O.



NO BOLTS, LUGS, KEYS or WEDGES.

Double Tongue and Groove Joint, Narrow Slats, Perfect Curve.

AGENTS WANTED.

THE IMPROVED

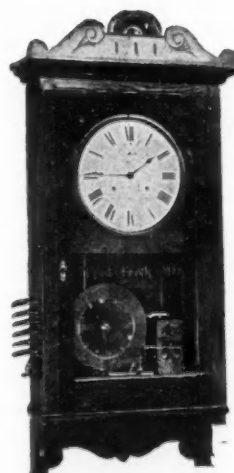
## "Ideal" Automatic

It Combines

**DURABILITY, COMFORT and CONVENIENCE.**

Everything Needed in the School Room. Maps, Globes, Charts, Slated Cloth, Slated Paper, Liquid Slating, Crayons, Erasers.

**SPRINGFIELD FURNITURE CO., Springfield, Ill.**



A New Era in School Government

Marked by the advent of

**Frick's Automatic Electric Program Clock. . .**

It reduces the management of the school to a perfect system. It shoulders the entire responsibility of sounding the programs and with unfailing precision. One apparatus keeps every period in every department, every room and every building on time.

It is a great systematizer. Apparatus furnished for all classes of program signaling. Satisfactory results guaranteed.

Write for full information regarding the many advantages of this valuable apparatus in schools.

**FRED. FRICK, Manufacturer,** Waynesboro, Franklin Co., Pa.



Entirely  
New and  
Up to Date.

Forty-five beautiful maps and charts in the set, mounted on a tripod stand

Very much the Largest, Latest, and Best Combination Map and Chart Series Published.



The eleven geographical maps are especially fine, not 'dummy' maps, but plainly and boldly lettered. Several of the other charts are works of art in color printing. The Series, if purchased separately and mounted in the usual manner, would cost from three to five times what we ask for them. Write us at once, if you can take hold of this sale. You have no time to lose.

We also manufacture the celebrated

Agents  
Wanted.

VICTOR  
School Desks

and a very full line of . . .

STAPLE  
SCHOOL  
SUPPLIES.

**Thomas Kane & Company,**  
139 Wabash Avenue, CHICAGO.

**The BOBRICK SCHOOL FURNITURE COMPANY**

50 Bromfield St., BOSTON, MASS.

School Furniture and Supplies of Every Description.

MANUFACTURERS OF THE

**PEERLESS ADJUSTABLE DESK AND SEAT.**

The Handsomest, Strongest, and Best in the Market.



Scientific in Principle and Simple in Design.

CONSTRUCTED ON STRICTLY HYGIENIC PRINCIPLES.

Our System of Scales for Height of Pupil, Desk, and Seat is based upon the measurement of over 125,000 Children. It embodies the recommendations of

The Vienna, Frankfort, Prague, and St. Petersburg School Desk Commissions.

The best authorities in this Country have been consulted and their recommendations adopted.

We manufacture three styles of Adjustable Desks and Seats, viz:

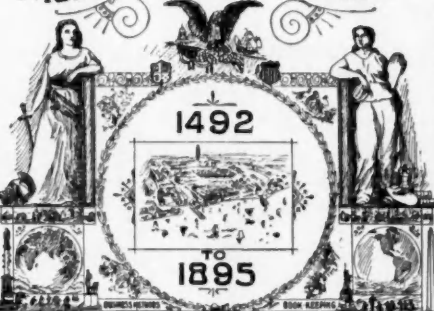
THE PEERLESS, THE ECLIPSE, and THE POPULAR; also THE FAVORITE Stationary Desk and Chair. Four styles of chairs, viz: A, B, C, and D. The above cut represents "The Peerless style A."

Our motto: "If anything is worth doing at all, it is worth doing well."

**BUY THE "PEERLESS" AND GET THE BEST.**

Catalogue and Estimates Furnished on Application.

COMPLETE  
PRACTICAL ENCYCLOPEDIA  
AND  
MODERN SCHOOL METHODS.



1492  
TO  
1895  
PUBLISHED BY  
EDUCATIONAL AID ASSOCIATION.  
CHICAGO.

AGENTS WANTED.

AGENTS WANTED.

SEE OUR  
**Complete School Aid Combination**  
MAPS, CHARTS AND GLOBE WITH BLACK-BOARD AND  
MODERN TEACHING DEVICES.

The "COMBINATION" comprises all needed in ordinary schools. Five-Thousand Illustrated Answers and Explanations to Text Book and Business Questions. Numerous devices Exacting Inquiry and Imparting Knowledge Daily Life Demands.

"THE COMBINATION"

Saves 50 per cent. of cost and adds 50 per cent. to time and useful knowledge.

ASK FOR DESCRIPTIVE CIRCULAR IF INTERESTED

EDUCATIONAL AID ASSOCIATION, 214-220 Clark St., Chicago, Ill.

COMPLETE  
ENCYCLOPEDIA  
OF  
MODERN SCHOOL METHODS.



1492  
TO  
1896  
PUBLISHED BY  
American School Chart Company.  
CHICAGO.

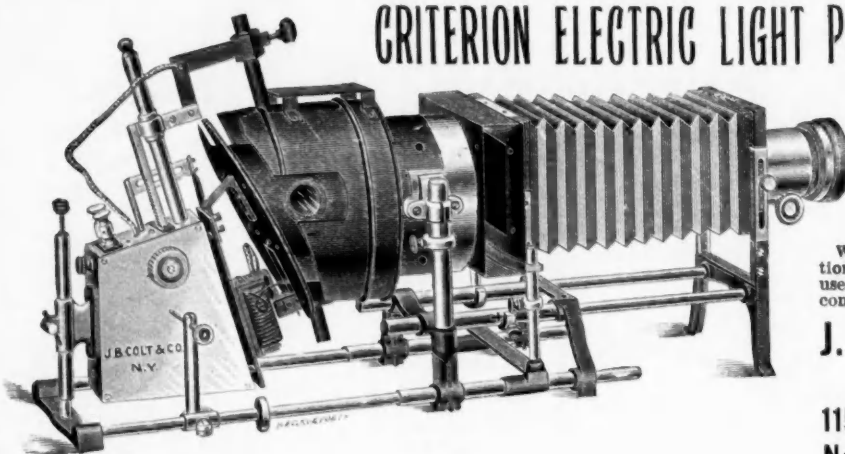
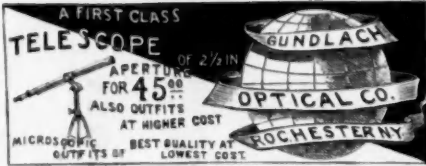
**WALMSLEY & FULLER CO.**

Only Complete Factory in the West.  
Special Instruments of Precision,  
Microscopes, Telescopes.

Physical and Chemical **Apparatus**

Optical Lanterns and Slides,  
Photographic Supplies.  
Acetylene Sunrators, one burner (3/4 foot)  
equals 100 candles.

134-136 Wabash Avenue, CHICAGO.



## CRITERION ELECTRIC LIGHT PROJECTION LANTERN

Adopted by leading

Colleges, Private Schools,  
Institutions, Scientists,  
and others who use none but

... THE BEST.

We make Lanterns of superior construction for the projection of standard slides as used by New York schools under State Board control.

**J. B. COLT & CO.,**

Patentees and Manufacturers,

115-117 Nassau St.,  
New York, N. Y.

### AGENCIES:

50 Bromfield St., Boston. 33 So. 10th St., Philadelphia. 126 Erie Co Bk. Bldg., Buffalo. 39 Marietta St., Atlanta. 415 N. Broadway, St. Louis. 189 La Salle St., Chicago. 31 Post St., San Francisco.



## ZIEGLER ELECTRIC CO.

(Successor to A. P. Gage & Son and Ziegler Bros.)

141 Franklin, Cor. Federal St., BOSTON, MASS.

MANUFACTURERS AND IMPORTERS OF

PHYSICAL AND CHEMICAL APPARATUS AND CHEMICALS,

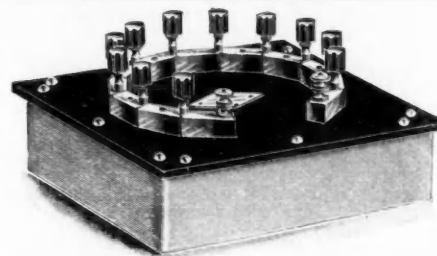
Microscopes, Telescopes and Lanterns, Standard Electrical Test Instruments, Telephones, Dynamos and Motors, Anatomical Models, Physiological Manikins and Articulated Skeletons.

Specialty of

Crookes Tubes, Apparatus and Induction Coils, Batteries, etc.

Laboratory Apparatus a Specialty.

Experimenting Models, Special Apparatus and Machinery made to order



Send for our new Physical and Chemical Catalogue. The most complete one ever made. Special Discounts to Schools. Largest Factory in the West.

**McIntosh Battery and Optical Co.,** 521-27 Wabash Av., CHICAGO, ILL.



## Botanical Microscopes

AND

Magnifying Glasses,

Especially designed for the study of Botany.

Forceps, Scissors, Dissecting Knives,  
Dissecting Needles and Mounting Materials.

Send for Botanical Circular giving list of articles and prices.

**THOMAS HALL & SON,**

19 Bromfield St., Boston.

## THE NATIONAL COURSE IN PHYSICS.

(For Secondary Schools.)

As recommended by THE COMMITTEE OF TEN.

## ELEMENTARY LESSONS IN PHYSICS.

(For Grammar Schools.)

Apparatus especially designed for this course, covering the recommendations of the National Committee. Send for Illustrated Catalogue.

**FRANKLIN EDUCATIONAL COMPANY,**

Importers, Manufacturers, Publishers,

BOSTON: Hamilton Place.

CHICAGO: 521-531 Wabash Avenue.



## A. H. ABBOTT & CO.

50 Madison St., Chicago,



**DRAWING SETS,**  
PAPER,  
**WATERCOLOR BOXES, &c,**  
FOR SCHOOLS AND COLLEGES.

## W. A. OLMSTED SCIENTIFIC COMPANY.

215-217 WABASH AVENUE, CHICAGO.

Importers, Manufacturers and Publishers



Physical, Chemical and Biological  
Laboratory Supplies.

Correspondence Solicited.

CATALOGUE • UPON • APPLICATION.

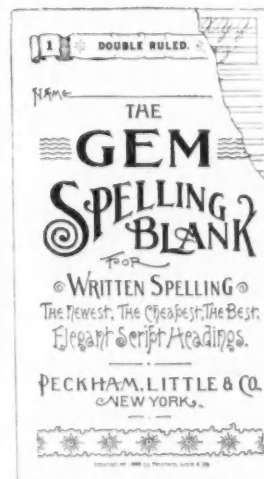
## F. WEBER & CO.,

**ARTISTS' MATERIALS,**

Engineers' and Draughtsmen's Supplies,

918 Olive Street, - St. Louis, Mo.

Special Discounts to Schools and Colleges.



## SOMETHING NEW

MADE IN 3 STYLES.

- No. 1. For Advanced Primary Grades.
- No. 1 1/2. For Lower Primary Grades.
- No. 2. For Grammar Grades.

Write for Samples and Prices.

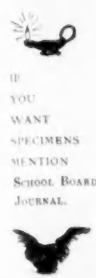
**Peckham, Little & Co.**

PUBLISHERS.

GENERAL SCHOOL SUPPLIES. 56 Reade St., New York.



## DIPLOMAS, CERTIFICATES, Etc. ❀



IF  
YOU  
WANT  
SPECIMENS  
MENTION  
SCHOOL BOARD  
JOURNAL.

of the highest grade furnished at a moderate cost to  
❀ Any ❀ Kind ❀ of School ❀ whether One or a  
Thousand be required. No shoddy type-effects! ❀  
Our goods have a national reputation for being ❀  
❀ Chaste ❀ ❀ Artistic ❀ ❀ Correct ❀ ❀  
Tell us: (1) How Many; (2) Kind of School.  
Be Wise To-day. ❀ ❀ ❀ ❀ ❀ ❀ ❀

Ames & Rollinson Co., New York.



"Fashion wears out more apparel than the man." It is just so with diplomas. It's the fashion new to have something artistic—something new and better than the old stereotyped forms. The diploma, which will be one of the most treasured possessions of the recipient, should be a thing of beauty. Why not, when it can be had for the same money as one of inferior grade?

We keep on hand a large assortment of lithographed forms for diplomas and certificates, with spaces provided in which you can insert the name of your institution, its location, course of study, etc., thus completing the form; or we can do this work for you, securing perhaps a better result. We have diplomas at prices to suit and can supply them in any number on short notice. If, however, you desire a diploma made exclusively for your school, we will be glad to submit sketches and estimates for approval.

We carry a complete line of Commencement Programs and Invitations. The designs are new, chaste, artistic, and range in price from \$1.20 to \$12.00 per 100.

In writing us for samples of diplomas don't forget to state kind of school and the number needed; and for programs, the number and approximately the price per 100 you wish to pay. It is important that you give us this information. *Mention this Journal.*

C. L. RICKETTS, Opera House Bldg., CHICAGO.

## DIPLOMAS

More than One Hundred Designs to select from.



This Diploma, granted to  
Witnesseth, that \_\_\_\_\_ has worthily completed the Academic Studies as prescribed and set forth in the \_\_\_\_\_ Course, and that \_\_\_\_\_ is admitted to the standing of a Graduate of the Caro High School

In Testimony Whereof, we have hereunto affixed our signatures at Caro, Michigan, on this \_\_\_\_\_ day of June, in the year of our Lord One Thousand Eighteen Hundred and Twenty-three.

Signature \_\_\_\_\_  
Signature \_\_\_\_\_  
Signature \_\_\_\_\_

Illustrated book of samples mailed on request.

Blank Diplomas furnished from Stock, with blank spaces to be filled in by purchaser.

Completed Diplomas, including name of institution, town, etc., engraved, printed or lithographed in the form.

Original and Special Designs made to order. Sketches submitted upon request.

Commencement Programmes and Invitations. Our line for 1896 is very complete, including nearly twenty new and original designs. Send for special list.

We have the best of facilities for the production of Artistic high grade work at moderate cost. In sending for samples give idea of about what you require.

### Standard School Furnishing Co.,

24-26 Adams St., CHICAGO, ILL.



THE BEST IS THE CHEAPEST.

### PEERLESS Pencil Pointer

FOR LEAD OR SLATE PENCILS.

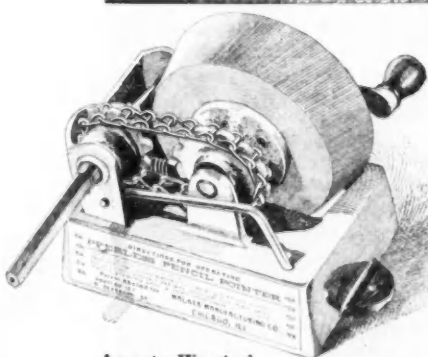
NO DIRT OR SOILING OF HANDS in using. Breaking of lead or getting out of order. Expense after first outlay.

Cutting wheel is a case-hardened steel file, therefore cannot wear out.

Price, Express paid, Japaned, \$3.50; Nicked, \$4.

WALKER M'F'G CO.,

Room 127, 115 Dearborn Street, - - CHICAGO.



Agents Wanted.

### IF INTERESTED IN ECONOMY

Send for any of the following catalogues  
Stationery and School Supplies, illustrated, 136 pp.  
School and College Text Books, (of all publishers) 50 pp.  
List of School Books Wanted, 35 pp.  
Bargain List of School Books, 47 pp.

ISSUED BY THE

### C. M. Barnes Co.,

106-108-110-112 Wabash Ave.,  
CHICAGO, ILL.

New and Second-hand School Books Bought and Sold.

### Diplomas PROGRAMS

PLEASE WRITE TO  
E. W. A. ROWLES, School Supplies,  
177-179 Monroe St., CHICAGO



## MEDALS

of every description in

GOLD OR SILVER.

Write for Illustrated price list.

Correspondence solicited.

### BUNDE & UPMAYER,

121-123 Wisconsin St.,

MILWAUKEE, WIS.

# The Best Course in English.

## Buehler's Practical Exercises in English.

Practical Exercises in English. By HUBER GRAY BUEHLER, Master in English in the Hotchkiss School. 12mo, Cloth, 152 pages. Price, 50 cents. By mail, 57 cents.

"Your little book has been in my class for several weeks, and I can't refrain from telling you how successful it is. I have an hour period with the boys three times a week. We spend about twenty minutes of it on your book, on the mastery of which I insist strenuously. Then we take up the classic in hand and study that inductively. Your book is precisely the help that is needed for this method of teaching English. The students enjoy it, and that, you know, is half the battle."—REV. OSCAR G. KLINGER, Stevens' Hall, Preparatory Dept. of Pa. College, Gettysburg, Pa.

## Hill's Foundations of Rhetoric.

The Foundations of Rhetoric. By ADAMS SHERMAN HILL, Boylston Professor of Rhetoric and Oratory in Harvard University. 12mo, Cloth, 346 pages. Price, \$1.00. By mail, \$1.10.

SOME OF THE SCHOOLS WHICH HAVE ADOPTED IT:

Boston, Cambridge, Brooklyn, Philadelphia, Phillips Exeter Academy, Phillips Andover Academy, Lawrenceville School, Hotchkiss School, Chauncey Hall School, Rensselaer Polytechnic Institute, Kansas State Normal School, Missouri State University, Harvard University, Yale University, Ann Arbor High School, Notre Dame University, Illinois State Normal School, Pratt Institute, College of the City of New York, Oberlin College, New York Normal College, and many other leading institutions.

## Hill's Principles of Rhetoric.

The Principles of Rhetoric. By ADAMS SHERMAN HILL, Boylston Professor of Rhetoric and Oratory in Harvard University. New Edition, Revised and Enlarged. 12mo, Cloth, 441 pages. Price, \$1.20. By mail, \$1.34.

The author has here produced a work which seems likely to supersede its predecessors and competitors, by reason of the soundness of its fundamental conceptions, the clearness of its arrangements, the lucidity of its definitions, and its combination of scholarship with common sense.—*The Sun*, New York. The revised edition seems almost perfect.—*New York Tribune*.

Special Rates for Introduction into Schools will be quoted for above books on request.

HARPER & BROTHERS, Publishers, New York.

### PARAGON SCHOOL MAPS

ARE THE VERY BEST, AND THE

"PEERLESS" MAP CASE

is indisputably the most attractive and most practical appliance ever devised for displaying and protecting maps.

Agents Wanted Everywhere.

WESTERN PUBLISHING HOUSE, 358 Dearborn St., Chicago.

DO YOU WANT

BETTER READING AND SPELLING

In your Schools? Many leading educators say this is attained by using the

POLLARD SYNTHETIC METHOD.

Write us for full particulars.

IF INTERESTED in the STUDY of NATURE, send name and 2c. stamp for BEST List of BOOKS in Botany, Entomology, Ornithology, Conchology, Geology, Natural History and Biology

Knobel's Illustrated Guides in Natural History are the latest, simplest, and the best.

The Trees and Shrubs, net 50c. | Day Butterflies, etc., net 50c. Ferns and Evergreens, net 50c. | Beetles, & their Kind, net 50c. Sent, post-paid, on receipt of price, by

BRADLEE WHIDDEN, Pub. and Bookseller, 18 Arch Street, Boston, Mass.

## The Best Books

On the subjects of Bookkeeping, Spelling, English, Letter Writing, Typewriting, Commercial Law, for use in Public or Private schools, (also Pocket Dictionary) are published by

THE PRACTICAL TEXT-BOOK CO., Catalogue Free. Cleveland, Ohio.

# GINN & COMPANY'S NEW BOOKS

**ELEMENTS OF BOTANY.** By J. Y. BERGEN, Instructor in Biology in the English High School, Boston. 332 pages. Fully illustrated. For introduction, \$1.10.

**PRINCIPLES OF PHYSICS.** A Text-Book for High Schools and Colleges. By A. P. GAGE of the English High School, Boston. Illustrated. 634 pages. For introduction, \$1.30.

**CHEMICAL EXPERIMENTS.** General and Analytical. By R. P. WILLIAMS of the English High School, Boston. Boards. 212 pages. Fully illustrated. For introduction, 50c.

**POLITICAL ECONOMY.** For High Schools and Academies. By R. E. THOMPSON, President of the Central High School, Philadelphia. 108 pages. For introduction, 50c.

**MONEY AND BANKING.** Illustrated by American History. By HORACE WHITE. 488 pages. By mail, \$1.50.

**PLUTUS OF ARISTOPHANES.** Edited by PROF. NICOLSON of Wesleyan University. 123 pages. For introduction, 80c.

**RESPONSIVE READINGS.** Selected from the Bible and arranged under Subjects for Common Worship. By HENRY VAN DYKE, D.D. 317 pp. By mail, 85 cents.

**INDUCTIVE LOGIC.** By W. G. BALLANTINE, President of Oberlin College. 174 pages. For introduction, 80 cents.

**SELECTIONS FROM EPICETUS.** Long's Translation. Edited by EDWIN GINN. 240 pages. For introduction: cloth, 50 cents; boards, 40 cents. *Classics for Children.* Also issued in pocket edition, with flexible leather covers.

**HATIM TAI.** Edited with introduction, by W. R. ALGER, 326 pages. For introduction: cloth, 50 cents; boards, 40 cents. *Classics for Children.* A remarkable and fascinating Persian romance.

**GRIMM'S FAIRY TALES, Part II.** Edited by SARAH E. WILTSE. 234 pages. Illustrated. For introduction; cloth, 50 cents; boards 35 cents. *Classics for Children.*

**SOUTHEY'S LIFE OF NELSON.** Edited, with Notes and introduction, by ALBERT F. BLAISDELL. 242 pages. For introduction: cloth, 50 cents; boards, 40 cents. *Classics for Children.*

**HOW WE ARE GOVERNED.** By ANNA L. DAWES. 423 pages. For introduction, \$1.00. A new and Revised edition of a standard book.

**SELECTIONS FROM POEMS OF KEATS.** Edited by Professor ARLO BATES, Mass. Institute of Technology. 302 pages. For introduction, \$1.00. *Athenum Press Series.*

**PUBLIC SPEAKING AND DEBATE.** By GEORGE J. HOLYOAKE. 266 pages. By mail, \$1.10. Imported edition of a standard work on oratory.

**OUTLINE OF THE PHILOSOPHY OF ENGLISH LITERATURE.** By GREENOUGH WHITE, professor in the University of the South. 266 pages. For introduction, \$1.00.

**PRINCIPLES OF ARGUMENTATION.** By Professor G. P. BAKER of Harvard University. 414 pages. For introduction, \$1.12.

**NEW VIRGIL.** Edited by Professors GREENOUGH and KITTREDGE of Harvard University. Fully illustrated.

**Aeneid, Books I-VI., with Vocabulary.** 709 pages. For introduction, \$1.50.

**Aeneid, Books I-VI., Bucolics, with Vocabulary.** 807 pages. For introduction, \$1.60.

**NATIONAL DRAWING-COURSE.** By A. K. CROSS, Instructor in the Massachusetts Normal Art School, and in the School of Drawing and Painting, Museum of Fine Arts, Boston. This course includes pupils' and teachers' books.

**WISSENSCHAFTLICHE VORTRAGE.** Edited by Professor J. H. GORE of Columbian University. 112 pages. For introduction, 50 cents. *International Mod. Lang. Series.*

**LES MISERABLES.** By VICTOR HUGO. Condensed and edited by F. C. DE SUMICHRIST, Assistant Professor of French in Harvard University. 325 pages. For introduction, \$1.00.

**PLANE AND SOLID GEOMETRY.** By W. W. BEMAN, Professor of Mathematics, University of Michigan, and D. E. SMITH, Professor of Mathematics, Michigan State Normal School. 320 pages. For introduction, \$1.25.

**SELECTIONS FROM THE VIRI ROMÆ.** Edited with Notes and Vocabulary, by Professor B. L. D'OOGHE, Michigan State Normal School. 324 pages. Illustrated. For introduction, 75 cents. *Latin and Greek School Classics.*

**WHITE'S NATURAL HISTORY OF SELBORNE.** Edited, with Introduction and Notes, by E. S. MORSE, Peabody Academy of Science, Salem, Mass. 251 pages. For introduction: cloth, 50 cents; boards, 40 cents. *Classics for Children.*

Descriptive Circulars of the above books sent postpaid on application.

# GINN AND COMPANY, PUBLISHERS,

BOSTON.

NEW YORK.

CHICAGO.

ATLANTA.



# VERTICAL WRITING!

The Normal Review System of Writing, Vertical Copies, has recently been enlarged by the completion of the Movement Course (2 numbers) and the Short Course (6 numbers, so that it now offers a Regular Course, Short Course, Movement Course, Tracing Course, Business and Social Forms. The fact that the Normal Review System of Writing, Vertical Copies has been adopted for use in such prominent educational cities and towns as Chicago, Philadelphia, New York City, Brooklyn, Omaha, Newport, R. I., Haverhill, Brookline, Waltham, Beverly, Quincy, Everett, Weymouth in Mass., and Exeter, N. H., is evidence enough of its excellence and popularity.

Some of its notable and excellent features, which make this system unique are constant and systematic review; double copies on each page prominence given to numerals; provision for careful comparison of capital and small letters; copies give information concerning scientific, historical and geographical facts; practice in full-page writing; copies are arranged to best subserve the rapid and satisfactory advancement of the learner.

The same special features appear also in the Slanting Copies so that every superintendent, teacher and school officer, who would have the most satisfactory writing in his school—either Slanting or Vertical Copies—should not fail to examine the Normal Review System of Writing by Profs. D. H. Farley and W. B. Gunnison.

Descriptive Circulars and Catalogues Mailed Free on Application.

**SILVER, BURDETT & COMPANY, Publishers,**  
BOSTON. NEW YORK. CHICAGO. PHILADELPHIA.

## Gifford's Elementary Lessons in Physics,

On the experiment plan, designed for the higher classes in Grammar Schools and for High Schools.

A new book issued this year in accord with the best accepted methods of instruction. It has been adopted for the Public Schools of New York, Baltimore, Brooklyn, Jersey City, Racine, Wis., La Crosse, Wis., Easton, Pa., Streator, Ill., etc., etc.

Examination copy sent for 30 cents.

**THOMPSON, BROWN & CO.,**  
23 Hawley St., BOSTON. 262 Wabash Ave., CHICAGO.

## THE PRANG COURSE IN ART EDUCATION

Introduced During Five Months (Aug. 1st, '95 to Jan. 1st, '96,) into  
Western Schools Enrolling over 70,000 Pupils and  
Employing over 1,700 Teachers.

If this were a new System, possessing many, or even most of the inherent educational and practical features which now characterize it, the above record of adoptions would certainly be heralded by any publisher as a matter of the greatest significance. It is doubly significant and suggestive in view of the general use of the Prang Methods, Books and Materials in the schools of the United States during the last FIFTEEN YEARS, or more. That they continue to strongly commend themselves to educational people, cannot be denied, and may be partially explained as follows:

- 1st. In consequence of frequent revisions, the Prang Books and Materials are always new. They reflect always the best experience, and the latest thought relative to Art Education in Public Schools.
- 2d. The Prang Course is not the product of a single mind, differing widely in this respect from all other Systems, which embody the thought or notion of a single individual rather than the aggregate experience of a large number of people working under different conditions.
- 3d. The Publishers of the Prang Course are specialists, giving their entire attention to the single subject of Art Education in Public Schools. It may be readily inferred from this that their opportunities for observation and for studying the subject are ten-fold greater than those of Publishers with whom Drawing Books are merely incidental to a long list of other Text Books.
- 4th. All other Systems of Drawing are either old and more or less obsolete, or are simply copies or adaptations of the Prang Course, containing no new principles, and lacking utterly the spirit of the Prang work. (Comparison with other Systems is invited.)

For detailed information concerning the Prang Course, address

**THE PRANG EDUCATIONAL CO.,**  
BOSTON. NEW YORK. CHICAGO,  
151 Wabash Ave.

WILLIAMS & ROGERS'

## Bookkeeping TEXT-BOOKS

are used in a large number of Common Schools in the United States and Canada, and in leading Business Colleges, High Schools and Academies, where they give entire satisfaction.

They are labor saving, practical and up to date. No dissatisfied pupils when these books are used.

**First Lessons in Bookkeeping.**  
**New Introductory Bookkeeping.**  
**New Complete Bookkeeping.**

Send for particulars. Prices low. Quality high.

**CIVIL GOVERNMENT.**—Williams & Rogers publish a work on this subject which has found great favor with teachers generally. It treats the subject historically, and contains many valuable features not found in any other similar work.

**OTHER GOOD BOOKS.**—Commercial Arithmetic, Mental Arithmetic, Commercial Law, Osgoodby's Shorthand, New Practical Grammar and Correspondence, Seventy Lessons in Spelling, Descriptive Economics, Penwritten Copies (reproduced).

Specimen pages and illustrated catalogue sent free to teachers and school officers.

**WILLIAMS & ROGERS,**  
PUBLISHERS,  
ROCHESTER, N. Y. CHICAGO, ILL.

Popular Courses for Home Study offered by

### THE UNIVERSITY ASSOCIATION,

Chancellor: Rt. Rev. Samuel Fallows,  
D. D., LL. D., Ex-State Supt. of Public Instruction of Wisconsin.

Pres. International Council: Hon. C. C. Bonney, LL. D., Pres. World's Congress Auxiliary.

The University Association is incorporated under the Laws of Illinois for the purpose of conducting University and World's Congress Extension on a New Plan particularly adapted for home study. Each course is taught by eminent instructors from leading colleges and universities. First year course

### UNIVERSAL HISTORY

taught by professors of history from the State Universities of Illinois, Iowa, Nebraska, Indiana, Ohio, Missouri, Virginia, North Carolina, Oberlin College, Bethany College, Monmouth College, and Tulane University. Each lesson fully illustrated with cuts and maps, and enriched with side lights, notes and recent discoveries. No obsolete theories. Abreast with the times and endorsed by leading educators. Over 400 centers already organized. Send for Circulars. Correspondence solicited with teachers and all interested in the cause of education. Organizers wanted. Liberal terms.

### THE UNIVERSITY ASSOCIATION,

ASSOCIATION BUILDING,  
153-155 La Salle St., Chicago, Ill

### AN IDEAL SUMMER CITY

## Chautauqua

CHAUTAUQUA LAKE, N.Y.

Every member of the family provided for from the children in the Kindergarten, the boys in the Boys' Club, to the mother in the Woman's Club. The best sanitary conditions. Cool climate. Pure water. Rational recreation of all kinds. Lectures, Concerts, Readings, etc., by the most famous men and women of the country. Cost of living from \$5 a week.

... ADDRESS ...  
W. A. DUNCAN, Sec., Syracuse, N.Y.



The Only Large Type Edition.  
Sold Direct by the Publishers only.  
Size of Each Volume  
6 x 9 inches; 1 inch thick.

## \$10 DOLLARS FOR \$5

A Ten-Dollar Set of Shakespeare's Complete Works for Five Dollars. In large type, easy for the eyes; eight handsome volumes; fine cream-laid paper; full silk cloth binding; more than 4000 pages; with copious notes on the text and introductory essays to each play. These books can never be bought any cheaper; never as cheap after this SPECIAL OFFER is withdrawn. (Regular price of the set, \$10.) Every set sold on approval; money returned immediately if you are not satisfied. Send \$5 to-day; or send \$1 to hold the price, and we will ship books when balance is made up. Better bindings if you want them. A handsome booklet of

**Specimen pages and full description FREE.**

References: Dun, Bradstreet, and every bank in Philadelphia, or the publishers of this magazine.

**KEYSTONE PUBLISHING CO., 799 Locust St., Philadelphia, Pa.**

## For Students of Music

The following are standard works which have assisted thousands of students in the study of music. Each volume covers thoroughly its special field, and therefore needs no description. The entire list should be in the hands of every student of music.

**Moore's Encyclopedia of Music**  
Cloth \$5.00, Appendix, 50 cents

**Ritter's Student's History of Music**  
Cloth, \$2.50.

**Ludden's Pronouncing Dictionary of Musical Terms**  
Boards, \$1.00, Cloth, \$1.25.

**Young People's Illustrated History of Music**  
Cloth, \$1.00.

**Adams' 5000 Musical Gems**  
Boards, 75 cents.

**Stainer & Barrett's Dictionary of Musical Terms**

Illustrated, Boards, \$2.50, Cloth, \$3.00.  
**Curiosities of Music**  
Cloth, \$1.25.

**Singing Methods**  
*Their Use and Abuse.*  
Price, 50 cents.

**Rand's Practical Method of Singing**  
Paper, \$1.00, Cloth, \$1.50.

**Science and Art of Music**  
*An invaluable book of reference.*  
305 Pages, Cloth, \$1.50.

Any of the above sent postpaid on receipt of price. Complete catalogue of sheet-music publications and choice music collections sent free on request. Any musical work published throughout the world can be purchased of us at shortest notice and lowest cost.

**Lyon & Healy,**  
CHICAGO, ILL.

OLIVER DITSON COMPANY, BOSTON.

### SHORTHAND.

**WHY?** was Isaac Pitman's System adopted and taught in the New York Public Schools.  
**BECAUSE** it is the Best, and has the latest and most practical text-books.

**"ISAAC PITMAN'S COMPLETE PHONOGRAPHIC INSTRUCTOR."**  
Cloth, 250 pp. Price \$1.50.  
Free to Teachers. Specimen pages, Alphabet and Full Rules for Writing. Mention this paper.

**ISAAC PITMAN & SONS,**  
33 Union Square, NEW YORK.  
Take lessons at the Metropolitan School, 156, Fifth Ave., N.W. Cor. 20th St., New York.

## Teachers Students

Request your local bookseller to send for our new catalogue of School Books of All Publishers.

Then when you ask him the price of any school book he can tell you, as this catalogue is complete.

*If you wish a catalogue for yourself, too, write to us direct . . .*

**ARTHUR HINDS & CO.**  
4 Cooper Institute New York City

"AS THE TWIG IS BENT, SO THE TREE WILL GROW."

# CHANDLER ADJUSTABLE SCHOOL FURNITURE!

IT HAS MANY IMITATORS BUT NO EQUAL.

## Each Pupil

Is Measured for seat and desk and the furniture is adjusted accordingly. Pupils seated in this manner are humanely treated.



THE  
NEW  
METHOD.

### THE FOLLOWING ARE A FEW OF THE LEADING EDUCATORS WHO HAVE OUR GOODS IN USE:

Edwin P. Seaver, Supt. Schools, Boston, Mass. C. E. Meleney, A. M., Principal Teachers' College, New York City. Charles E. Gorton, Superintendent of Schools, Yonkers, N. Y. Col. Francis W. Parker, Cook County Normal School, Englewood, Ill. Prof. Arthur Gilman, Regent of Radcliffe College, Cambridge, Mass. Richard M. Jones, LL.D., Wm. Penn Charter School, Philadelphia, Pa. W. W. Cottingham, Superintendent of Schools, Easton, Pa. William Kershaw, Germantown Academy, Germantown, Pa. Lyon G. Tyler, M.A., LL.D., President William & Mary College, Williamsburg, Va. N. O. Halsted, Superintendent Society of St. Johnland, Kings Park, L. I., N. Y. Samuel A. Farrand, Ph.D., Newark Academy, Newark, N. J. LeRoy Bliss Peckham, The Hamilton School, West Philadelphia, Pa. George G. Ryan, Superintendent of Schools, New Brunswick, N. J. Edith M. Diehl, Prin. Mt. Adams Public School, Cincinnati, Ohio. R. E. Denfeld, Superintendent of Schools, Duluth, Minn. Mrs. Kate Cullen, Principal Townsend School, Syracuse, N. Y. John S. Locke, Superintendent of Schools, Saco, Me. Albro E. Chase, Principal Portland High School, Portland, Me. W. H. Loughlin, Chairman School Board, Marlborough, Mass. T. B. Stockwell, State Commissioner of Schools for State of Rhode Island. H. S. Tarbell, Superintendent of Schools, Providence, R. I. G. C. Fisher, Superintendent of Schools, Pawtucket, R. I. H. C. Dexter, Superintendent of Schools, Central Falls, R. I. Dr. L. P. Jones, Chairman School Board, Greenwich, Conn. W. H. Kemp, President School Board, Hazleton, Pa. T. M. Balliett, Superintendent of Schools, Springfield, Mass. H. C. Pritchett, Principal Sam Houston Normal Institute, Huntsville, Texas. H. M. Maxson, Superintendent of Schools, Plainfield, N. J. Marshall L. Perrin of Boston University, Superintendent of Schools, Wellesly, Mass. I. B. Crandall, Superintendent of Schools, Westerly, R. I. Gordon Southworth, Superintendent of Schools, Somerville, Mass. Miss C. E. Small, Principal Woodward Seminary, Quincy, Mass. J. E. Burke, Superintendent of Schools, Lawrence, Mass. J. A. Latham, School Board, Cranston, R. I. J. R. Campbell, Director Jacob Tome Institute, Port Deposit, Md. Dr. Ullman, Trinity School, New York City. W. H. Small, Superintendent of Schools, Palmer, Mass. W. H. Moore, Principal Hyde School, Newton, Mass. J. C. Greenough, Principal State Normal School, Westfield, Mass. T. J. Brosnahan, President Boston College, Boston, Mass. R. W. Hine, Superintendent of Schools, Dedham, Mass. J. E. Shull, Board of Education, Long Island City. J. B. Hackett, Board of Education, Richmond Hill, L. I. Wm. E. Endicott, Principal Gibson School, Boston, Mass. Joshua M. Dill, Principal John A. Andrews School, South Boston. R. J. Condon, Supt. Schools, Everett, Mass. Geo. I. Aldrich, Supt. Schools, Newton, Mass. George R. Dwelley, Superintendent Schools, Watertown, Mass. Francis Cogswell, Superintendent Schools, Cambridge, Mass.

A common sight where stationary furniture is used, which makes no provisions for the various sizes of pupils.

Observe the unsupported feet.



THE  
OLD  
METHOD

This engraving is from a photograph of a room in the Townsend School of Syracuse, N. Y., taken during March, 1895, when the building and furniture were less than a year old. It was taken from life and shows the actual condition of the seating at that time, since which the entire building of ten rooms has been refurnished with the Chandler Adjustable Furniture.

## CHANDLER ADJUSTABLE CHAIR AND DESK COMPANY,

165 Devonshire St. and 26 Arch St., Boston, Mass.

Our furniture is manufactured complete in our own factory and foundry at Walpole, Mass.



# THE AMERICAN School Board Journal

VOL. XI.

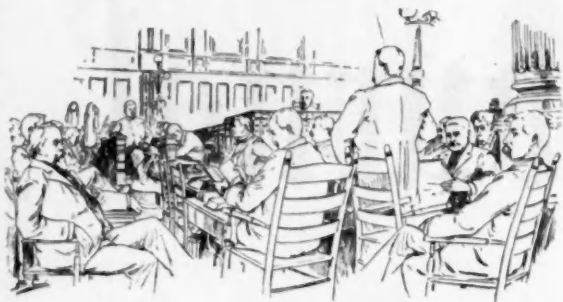
NEW YORK—CHICAGO—MILWAUKEE, MAY, 1896.

No. 5.

THE PROGRESS OF MODERN BOARDS OF EDUCATION.



WHAT THE (RIP VAN WINKLE) SCHOOL BOARD BEHOLDS.



SCHOOL LAW.

Cortland, O. A recently passed law requires that all school teachers shall be required to qualify in the science of civil government before being granted certificate.

Columbus, O. A new school book bill has been introduced in the legislature. Under its provisions the publishers are required to file with the commissioner of common schools a copy of each text-book issued by them, with the wholesale list price of the same. The commissioner is to fix the maximum price at which such book may be sold to school boards not to exceed 75 per cent. of list price. Publishers are to signify their acceptance of such price in writing. In June of each year the commissioner is to send list of books and addresses of publishers with prices fixed to each school board which, on the third Monday of August, shall determine the studies to be pursued and the text books to be used. No change is to be made for five years, except on order of three-fourths of members elected to boards. Boards may designate agents to handle books at 10 per cent. advance on publisher's price. Nothing in the bill is to prevent the issuing of free school books under the law.

Champaign, Ill. At a public meeting recently held resolutions were adopted calling for the repeal of the law requiring the National flag to be kept flying over the school houses of the State, and the law was denounced as "a piece of legislative buncumb" and a shame on the intelligence of the people. The Teachers' Association of Illinois has also demanded the modification of the law so that school directors and teachers may exercise their discretion as to when the flags shall be unfurled.

The bill in the Ontario legislature prohibiting American citizens in Ontario from voting for the election of public school trustees, or from being members of any school board, has been defeated. It was pointed out that there were many Americans residing on the river front in Essex county in the summer time and that they paid the school tax, and also sent their children to the schools, and they should therefore have the same right as Canadians in educational matters.

New York, N. Y. At a mass-meeting of residents of the Twenty-third and Twenty-fourth wards, resolutions were adopted protesting against the passage of the Compromise School Bill, which abolishes the office of school trustee.

New York, N. Y. About two thousand school ma'ams have protested against the bill introduced in the legislature to abolish ward trustees.

Reading, Pa. Judge Endlich in a case where a school teacher was charged with assault and battery by two of his pupils, stated to the jury that the teacher in school was invested with the same authority as the parents and it was a question for the jury to determine whether he had been unduly severe.

Janesville, Wis. A state law requires that all school doors swing outward for the purpose of preventing serious accident in case of fire and a panic among the pupils.

Cleveland, O. A decision of the supreme court holds that the provision of the statutes that no person shall be employed as a teacher unless he has obtained a certificate required by law does not render invalid a contract for employment made with a teacher before he obtains the requisite certificate, provided he obtains it before entering upon the duties of his employment.

Cleveland, O. A statute of the state provides that "no person shall be employed as a teacher in a common school who has not obtained from a board of examiners, having competent jurisdiction, a certificate of good moral character, and that he or she is qualified to teach orthography, reading, writing, arithmetic, geography, English grammar and the history of the United States, and possesses an adequate knowledge of the theory and practice of teaching, and, if required to teach other branches, that he or she has the requisite qualifications."

New York, N. Y. According to a decision handed down by the Court of Appeals, the licenses of teachers in public schools are to be revocable by the City Superintendent of Public Schools.

Henry W. Miller, who was expelled as a member of the West Hoboken, N. J., school board on the charge of demanding money from a teacher, has brought a \$25,000 damage suit against the board.

The supreme court of Massachusetts has decided that a school teacher has no right to require a scholar to tell tales on a companion.

Seattle, Wash. Judge Osborn decided that a school district will not have to pay the amount claimed by a teacher as due for salary during the time the public schools are closed on account of the quarantine against contagious diseases. The Judge holds that the schools are closed by the operation of the law. That it is illegal to hold school during that time, and whenever the law made illegal the doing of an act which was the fulfillment of a contract it absolved the parties from their obligation. If it was illegal to teach, the law absolved the teachers, and if the teachers were absolved, the rule extended to all the contracting parties.

Sedalia, Mo. Under the Revised Statutes no teacher or Superintendent has authority to expel a pupil, the discretion of the school board alone having power.

Oil City, Pa. A bill on the statute book reads as follows: "No bookseller who is a director can legally be the agent of a publisher for the introduction and supply of books, stationery, etc., to the board without incurring the penalty of the law; nor can a board of directors enter into a contract with its members to build, repair, or furnish school houses."

#### RECENT SCHOOL LEGISLATION.

New York. Some important bills affecting educational interests are in the process of enactment in the state legislature. Among these we note the following: A change of the school age from 21 to 18, and from 5 to 4, if the pupils are actually attending any free kindergarten school legally established. A teacher must be at least 18 years of age instead of 16 as at present. A district may contract for the education of its pupils with an adjoining union free school district and still receive its quota from the school fund. It may also use its funds for transporting its pupils to and from such union school. The qualifications for school commissioner are very materially raised so that he must possess the qualifications required of a good teacher. Experience without other qualifications does not avail. Truant officers are to be appointed outside of cities and villages. City superintendents are to be empowered to commit truants with the parents' consent in writing without the action of the Board of Education, and the authorities committing can parole before the time of commitment expires. A pupil between 12 and 14 may attend any 80 consecutive days instead of 80 after the first day of October.

Kentucky. A bill is pending in the legislature to provide for a Bible in each public school and to provide for the examination of teachers as to their knowledge and ability to teach the same. If any teacher refuses to teach the Bible he shall be liable to a reduction of 10 per cent. of his salary.

Ohio. A bill has been introduced providing that the board of education in village districts may

permit children residing more than one and a half miles from the school building in an adjoining district to attend school in said village district.

Albany, N. Y. An amendment to the Consolidated School Law has been passed by the legislature. It calls for the organization of kindergartens, also that the attendance at these schools shall be recognized in the distribution of school money. It changes the school age from 5 to 21, as now 5 to 18.

Boston. A bill has been introduced in the legislature prohibiting any officer, agent or employee of the state board of education from being pecuniarily interested directly or indirectly in the matter of furnishing books or supplies for use by the Commonwealth.

Columbia, S. C. The following bill providing for free tuition in this State passed the House: Section 1: That no charges for tuition shall be made against, or collected from, any of the youth of this State by any of the schools for higher education supported or controlled by the State unless the parents of such youth shall have a gross annual income of at least \$1,000, or shall own property of the value of at least \$2,000, or unless in the case of no parents living the youth has held in trust for him or her an estate or income of like value. Section 2: No youth shall become a beneficiary in any way whatever in any of said schools and colleges unless entitled as above to free tuition and qualified otherwise, as may be required by law or the rules and regulations prescribed by the boards controlling said institutions.

Columbus, O. A bill has been introduced in the legislature relating to the examination of teachers. The bill provides that the secretary of the state board of examiners and the state commissioner of common schools shall be required to prepare the list of questions for the examination of applicants for teachers certificates in all the counties of the state, and that these questions shall be the same for all the counties. Furthermore, a certificate granted in any county shall entitle the holder to teach in other county in the state.

Jackson, Miss. A delegation of twenty-five of the most prominent colored men in the state, called on the Governor and the ways and means committee protesting against the proposition to separate the school fund as is being urged by members of the legislature.

FOX HOLDEN, A. M. LL. B.,  
Supt. Schools,  
Olean, N. Y.

Evidently Not Scotch.

Teacher: "How would you correct the sentence: 'He sat there quiet and listened to the bagpipes' music?'"

Pupil: "I would scratch out the word music."



RULES AND REGULATIONS.

San Francisco, Cal. A rule has been enacted requiring teachers to insist that children shall not cross the street except at regular crossings, where there are car lines.

Flushing, L. I. Board has forbidden pupils to store their wheels in the school building. The reason for the action is that the bicycles diverted the attention of the pupils from their studies.

Albany, N. Y. A resolution was introduced in the board that hereafter admission to the high school be based on the results obtained from special papers to be prepared by the superintendent.

Lowell, Mass. Board decided to close the schools one hour earlier on days when teachers' meetings are held by the rules of the board.

Bay City, Mich. A resolution instructing the janitors of the various schools to hoist the American flag on the buildings each school day was adopted.

Chicago, Ill. B. J. Rosenthal introduced in the board meeting the following resolution: "Resolved, That from and after this date, the board of education of the city of Chicago refuse to bestow the names of living citizens upon any school building now erected or hereafter to be erected."

Chicago, Ill. Board adopted rules prohibiting the slapping of pupils in the face by teachers twenty years ago.

Milwaukee, Wis. The school board passed the following resolution: "Unlimited state certificates and diplomas of graduation from the former normal department of the Milwaukee high school and the diplomas of graduation from such state universities and colleges as may be accredited by the board upon recommendation of the superintendent of schools and committee on examination, shall be respectively accepted as equivalent to the principal's certificate. Certificates of the completion of the elementary course in any normal school in the state shall, when countersigned by the superintendent and presented within five years from date when countersigned, be accepted as equivalent to the assistants' certificate.

Milwaukee, Wis. The principal of each school has been instructed to take the population of the district in which he is located, block by block. This is to be classified as to the age of the pupils. When completed it is to be used as a guide to locate school buildings.

McKeesport, Pa. The directors recently passed a resolution that all teachers be required to undergo an examination, regardless of the normal school diplomas, permanent or professional certificates. Hon. John L. Stewart, deputy superintendent of public instruction, rules that directors have not the right to impose such regulations and that valid certificates should be recognized.

Brooklyn. The board of education tendered a complimentary subscription dinner to Charles E. Teale, a member who is about to retire from the board, in recognition of his long and efficient services.

Marshalltown, Pa. President Getz, of the school board, is the recipient of two handsome gavels. One weighs over twenty pounds.

Somerville, Mass. An amendment regarding contagious diseases was adopted, providing that no pupil who has not been properly vaccinated shall be admitted to the schools, and that no pupil who has been sick with typhus, whooping cough, or measles, shall re-enter unless a physician's certificate can be produced that all danger is over.

AMONG BOARDS OF EDUCATION.

Waterbury, Conn. The board compelled fifty-five graduates of the high school to publicly apologize to the faculty, before allowing them to receive their diplomas.

Shelbyville, Ill. The ticket with a platform opposing the employment of married women as teachers was elected.

Louisville, Ky. The school board is now agitating the question of a revolution in educational methods in the public schools next year. There is a movement in favor of fewer books for the children, shorter lessons and less studying at home.

Hazleton, Pa. The six members of the township school board have been arrested on a charge of corruption.

Curtin, Pa. A factional school board fight resulted in a blowing up of the school house by dynamite.

Binghamton, N. Y. Board has decided to divide the school year into two terms of twenty weeks each and to have two promotions instead of one.

Fargo, N. D. The board of education has ordered that children of the public schools salute the American flag every morning.

El Paso, Tex. The rule relative to corporal punishment was modified, so that it could be resorted to under certain circumstances.

Seattle, Wash. The state board of education has established the following rules: Teachers shall maintain strict order and discipline in their schools at all times. Any neglect of this requirement will be considered good cause for dismissal. Corporal punishment may be resorted to when it becomes necessary to the preservation of proper discipline. No cruel punishment shall be inflicted; and no teacher shall administer punishment on or about the head of a pupil. In any case of misconduct or insubordination, when the teacher deems it necessary for the good of the school, he may suspend a pupil, and shall immediately notify the directors of the district thereof for further action.

Cincinnati, O. A resolution has been passed that in the future all bills must be presented within sixty days from the time the work is done or goods delivered.

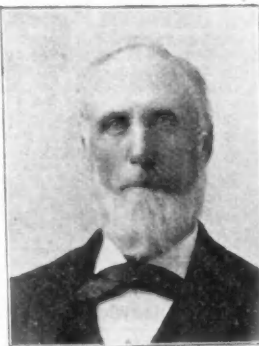
New York, N. Y. An order has gone forth that the janitors shall vacate their living rooms in the public school buildings and seek quarters elsewhere.



H. C. FAIRBROTHER,  
President.



ROBERT TRAUBEL,  
Member.



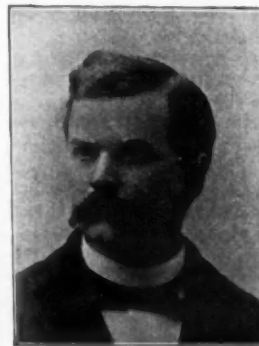
JOHN J. SNOWBALL.



THOS. J. HAYES.



F. DAVIDSON.



MARTIN D. BAKER.

BOARD OF EDUCATION, EAST ST. LOUIS, ILL.

WOMEN AND SCHOOL BOARDS.

Richmond. The people of King William county elected Mrs. Fanny Bagby to the office of School Trustee, and the board made her chairman. She was the first woman ever elected to office in Virginia. Superintendent of Public Instruction, Massey, who has been investigating the case, has decided Mrs. Bagby cannot hold the office. He says the Constitution of Virginia prohibits women filling public positions.

Montana. Women who are tax-payers and of legal age have the right to vote at school elections.

Milwaukee. Mrs. Mary E. Merrill was appointed a member of the school board a year ago. She was the first woman who had ever enjoyed that distinction. The prejudice against women serving on school boards was strong in certain quarters and prevented the appointment of a second woman. After a year's service, Mrs. Merrill has not only met the expectations of her supporters, but her splendid tact, judgment and ability has won even the admiration of those who questioned the wisdom of the new departure.

Steubenville, O. A lack of interest of the part of female voters tended towards a collapse of women school board contest.

Marcellus, Mich. This village run almost entirely by women, is greatly excited over the action of the school board, which is also composed of women, in removing a principal. The male portion of the population held an indignation meeting, at which the husbands of the offending trustees were present and took active part. The female members of the board promised a sensation as soon as they got in power, and the male population, with whom the principal is very popular, thinks it has been sprung.

Le Claire, Ia. The election of the two lady school directors did not end with the resignation of the male members of the board. Two more ladies were appointed to fill the vacancies, and the latest development is the resignation of the principal, because of the general dissatisfaction and turmoil resulting from the election of the ladies.

Cleveland, O. The Woman's Suffrage Association has issued an address to the women of Ohio, begging them to take an interest in the school elections to be held soon.

Fayette, Ia. In the school election the women put a ticket in the field and were defeated.

Cleveland, O. At the last regular meeting of the board, and for the first time in its history, a woman occupied the chair of the president of the Council and presided over its deliberations. During the progress of the meeting President Backus had occasion to ask the director some questions, and he asked Mrs. Avery to take the chair. She presided with dignity and grace during the remainder of the meeting. The members of the Council who wanted the floor slurred over the first word when they said the customary "Mr. President." After the meeting Mrs. Avery received congratulations.

Oil City, Pa. Board fixed the superintendent's salary at \$60 per month.

Abilene, Kan. The apprentice teachers in the training school who have been getting a nominal salary of \$5 per month have requested a raise.

East Liverpool, O. Recently the school board discharged teachers for reading the Bible on opening school. A late election resulted in defeating all the members who voted for the discharge of the teachers.

## TEXT BOOK ADOPTIONS.

Tarrytown, N. Y. Authorized physiology, 1 and 2.  
 Warrensburg, N. Y. Authorized physiology, 1 and 2.  
 Danbury, Conn. Jepson's music, No. 2.  
 South Orange, N. J. Natural music course.  
 Utica, N. Y. Kellogg's physiology, 1 and 2.  
 Chenango Forks, N. Y. Pathfinder physiology, 1.  
 Rochester, N. Y. Hefley's phonography.  
 Morris Run, Pa. Spencerian vertical penmanship.  
 Jamesburg, N. Y. Milne's arithmetic.  
 Ogdensburg, N. Y. White's outline history.  
 New York City. Roman Catholic Orphan Asylum: Authorized physiology, 1 and 2.  
 Bridgeton, N. J. Milne's arithmetic.  
 Perth Amboy, N. J. Appleton's elementary geography.  
 Robinson's T. B. arithmetic.  
 California, Pa. Hammel's observation blanks.  
 Little Falls, N. Y. Pathfinder physiology, 1 and 2.  
 Evergreen, N. Y. Pathfinder physiology, 1 and 2.  
 Lowville, N. Y. Pathfinder physiology, 1 and 2.  
 Rochester, N. Y. Authorized physiology, 1 and 2.  
 Far Rockaway, N. Y. Pathfinder physiology, 1 and 2.  
 Schenectady, N. Y. Authorized physiology, 2.  
 Perry, N. Y. Authorized physiology, 1 and 2.  
 Middleboro, Mass. Board adopted Nissen's elementary gymnastic manual for the use of teachers.  
 Ridgway, Pa. Harper's first reader.  
 Troy, N. Y. Swinton's word book.  
 Rosendale, N. Y. Pathfinder physiology, 1 and 2.  
 Millersville, Pa. Sohrab and Rustum: Gray's school and field botany.  
 Rhinebeck, N. Y. Pathfinder physiology, 1 and 2.  
 Greensburg, Pa. White's pedagogy and school management.  
 Mt. Vernon, N. Y. Kellogg's second book in physiology.  
 Authorized physiology, 2.  
 New Paltz, N. Y. Kellogg's first and second book in physiology.  
 New Brighton, N. Y. Authorized physiology, 1, 2, and 3.  
 Richfield, Springs, N. Y. Pathfinder physiology, 1 and 2.  
 Boonville, N. Y. Kellogg's physiology, 1 and 2.  
 Black River, N. Y. Authorized physiology, 3.  
 Dunkirk, N. Y. Authorized physiology, 1 and 2.  
 Millersville, Pa. Gray's school and field botany.  
 Syracuse, N. Y. Pathfinder physiology, 1 and 2, Authorized physiology, 2.  
 Binghampton, N. Y. Trauereien.  
 Fort Edward, N. Y. Authorized physiology, 2.  
 Schaghticoke, N. Y. Authorized physiology, 2.  
 Albion, N. Y. Authorized physiology, 1.  
 Greenwich, Conn. English classics.  
 New Haven, Conn. Tales of a Traveler.  
 Rome, N. Y. Kellogg's first book in physiology.  
 Saratoga Springs, N. Y. Harper's second reader, Milne's elements of algebra.  
 Richmond Hill, N. Y. Kellogg's first and second book.  
 Cobleskill, N. Y. Pathfinder physiology, 2.  
 Pleasant Plains, N. Y. Pathfinder physiology, 2.  
 Oceanus, N. Y. Pathfinder physiology, 1 and 2.  
 Harrisburg, Pa. Fundenburg's Rdg., Teach. Ed.  
 Little Valley, N. Y. Pathfinder physiology, 1 and 2.  
 Elmira, N. Y. Pathfinder physiology, 3.  
 Patchogue, N. Y. Kellogg's physiology, 1 and 2.  
 Hoosic Falls, N. Y. Authorized physiology, 2.  
 Yonkers, N. Y. Authorized physiology, 2.  
 Deposit, N. Y. Pathfinder physiology, 2.  
 Granville, N. Y. Authorized physiology, 1 and 2.  
 New York Mills, N. Y. Kellogg's first book in physiology.  
 Olean, N. Y. Authorized physiology, 1 and 2.  
 Cortland, N. Y. Gray's plants grow.  
 Baldwinsville, N. Y. Scott's Marmion.  
 Fayetteville, N. Y. Pathfinder physiology, 1 and 2.  
 Derby, Conn. Natural music.  
 Philadelphia, Pa. Girard College: Spencerian vertical penmanship, American vertical penmanship.  
 Scottsville, N. Y. Pathfinder physiology, 2.  
 Binghampton, N. Y. Arrowsmith and Knapp's Viri Romæ.  
 Racine, Wis. Frye's primary geography, Normal course readers.  
 Great Falls, Mont. Prince's arithmetic for supplementary.  
 Troy, N. Y. Blaisdell's how to keep well, Hutchinson's physiology and hygiene.  
 Hoboken, N. Y. Golden rod and Standard literary series, published by the University Publishing Co., at their last meeting.  
 Brooklyn, N. Y. Standard literary series.  
 North Carolina. County adoptions expired with May 1.  
 Troy, N. Y. Blaisdell's how to keep well, and Hutchinson's physiology and hygiene, revised edition.  
 Rochester, N. Y. The human body and how to take care of it.  
 Syracuse, N. Y. Pathfinder series.  
 Madison, Wis. Frye's geographies, Normal readers, Werner primer, and Hutton's government of Wisconsin.  
 Paterson, N. J. Eggleston's great America for little Americans, Eggleston's stories of American life and adventure, and Baldwin's old Greek stories.  
 Troy, N. Y. Blaisdell's how to keep well, and Hutchinson's physiology and hygiene.  
 Salem, Mass. Bright's graded English.  
 Great Falls, Mont. Montgomery's leading facts of American history, Prince's arithmetic.  
 Malden, Mass. Griffin's grammar school algebra.  
 La Crosse, Wis. Van Velzer geometry.  
 Jackson, Tenn. Madison Co's Pathfinder series of physiologies.

## TEXT BOOK NEWS.

Hyde Park, Mass. There was a discussion on Pollard's synthetic reading, and the masters of the several schools were instructed to visit Natick, Arlington, Winchester, Watertown, and other places where it is in use and report.

Chelsea, Mass. The board of aldermen have requested the school commission to remove from the public schools Montgomery's history of the United States. The action of the board is the result of an agitation started by members of the G. A. R.

Cumberland, Md. The House of Delegates passed a free text-book bill.

Fond du Lac, Wis. The board purchased a set of the library of American literature for use in the high school.

Topeka, Kan. The Excelsior readers will be used in the schools this year.

Rochester, N. Y. The common council placed itself on record in favor of a bill providing for free text-books.

Malden, Mass. Text-book committee reported in favor of adopting Southworth & Goddard's grammar, Griffin's grammar school algebra and Potter's, Frye's, Rand-McNally's geographies. No action taken by board.

Meadville, Pa. Board ordered purchased two sets of Harper's war history.

Ohio. Mr. Aker's free school book bill was defeated in the legislature. The bill made it compulsory on boards of education to furnish school books to all pupils free of charge.

The southern headquarters of D. C. Heath & Co., at Atlanta, Ga., have been removed from No. 302 to 304-7 Kiser building. This will largely increase the facilities of the firm at this point. The offices are in charge of E. E. Smith, who was formerly the manager for D. C. Heath & Co., at Chicago.

It is thought that S. C. Griggs, the veteran publisher, will retire from the firm of S. C. Griggs & Co., Chicago.

The University Publishing Co. have just issued a new writing set called the University series. Vertical writing book by same company will be ready June 1.

"Another Bright Star for Old Glory" is destined to be one of the most popular patriotic songs of the day. Orders are being received by the University Publishing Co., from all parts of the country. Mr. John Keynton, the composer, has supplemented this song, with another entitled "Cuba Shall be Free," which has all the fire and vim required in a patriotic selection. Large orders have already been received for this song and it will, undoubtedly, become the national song of Cuba, it having already received the endorsement of the Cuban Junta.

The following cities in Minnesota furnish all text-books free to pupils: Hastings, St. Louis Park, Duluth, Morris-town, Waterville, Onoka, Farmington, Minneapolis, and Faribault.

The following cities furnish part of the text-books free to pupils: Montevideo, Janesville, Rochester, Austin, Northfield, Alexander, St. Paul, and Dodge Center.

Helena, Mont. E. A. Steere, state superintendent of public instruction, has listed the following books for supplementary reading in the high schools of the state:

Science—Newell's reader in botany, Shaler's the story of our continent, Ball's starland, Cooper's animal life.

History and biography—Abbott's histories of Julius Cæsar, Alexander the Great, and Peter the Great; Scott's tales of a grandfather, Jusserand's literary history of English people, Plare's men and women of the time, Montgomery's leading facts of English history, leading facts of French history, and two great retreats.

Geography and travel—Holder's along the Florida reef, Shumway's a day in ancient Rome, Holton's literary landmarks of Edinburgh, Blake & Sullivan's Mexico.

General literature—Bellamy & Goodwin's open sesame, young people's Tennyson, Hudson's Shakespeare, Ward's British poets, Bagehot's literary studies, Field's yesterdays with authors, Collier's history of English literature, Renton's outlines of English literature, Taine's English literature, Seyffert's classical dictionary, Vicker's ideal elocution, Gayley's classic myths in English literature, Minot's manual of English prose literature, Plutarch's lives, selections from Ruskin, Johnson's Rasselas, White's Irving's Alhambra, Scott's Ivanhoe, Lamb's adventures of Ulyssus.

Columbus, O. Welday's school book bill, which required book companies to furnish Ohio boards of education, through a commission comprising the governor, secretary of state and school commissioner, books at 70 per cent of the regular wholesale price, failed.

Momence, Ill. The Heart of Oak series of supplementary readers, D. C. Heath & Co., publishers, were made the basis of discussion at a recent teachers' meeting.

Arlington, Mass. The Pollard system was defended and denounced at a town meeting.

The rivalry which exists between New York and Chicago has found a new outburst. This time in Frye's geography which it is alleged is lending greater importance to Chicago. The facts are, the book deals with reliable statistics and knows no discrimination.

Quincy, Mass. J. S. Cooley, of Silver, Burdett & Co., recently addressed the teachers on vertical writing.

Freeport, Ill. The school-book case of Rand, McNally & Co. vs. the board of education, has been decided by Judge Crabtree in favor of the board. It seems there is a statute providing that school boards cannot change text books oftener than once in four years; but the judge decides that the supreme court's interpretation of the statute will allow school boards to change books as often as they wish.

New Haven, Conn. Experiments in vertical writing have proven successful.

The Werner School Book Co. has in preparation a primary and grammar school geography.

A. C. McClurg & Co., of Chicago, have issued a catalogue giving a list of their publications adapted for school and college libraries as well as for supplementary reading and reading circles.

The report in our last issue on the Syracuse text-book squabble has prompted Wm. Beverly Harison of New York, who brought suit against W. A. Duncan, to present his side of the case. He states that "when the contract was awarded to W. A. Duncan & Co., and the music books specified were the Normal Music Course. Tuft & Holt; nothing water being stated in the terms of contract about publisher; the board, through the superintendent, agreed to take the Holt Edition, provided the books were "similar." Books were shipped, received and distributed to schools; then came the scrap which sometimes comes in closely contested school book matters; and the committee, together with Mr. Lyman, decided (for reasons best known to themselves) that the books were not similar; I differed from them, and felt so assured of my position that I brought suit against contractors. The judge decided absolutely with the evidence as produced by both sides, that as a "matter of law" the books were similar; the jury unanimously, at first ballot, awarded full verdict to me; there was no question of doubt in minds of either judge or jury as to either side of the whole controversy.

## NOTICE!

To publishers of school text-books for proposals to furnish text-books for the Independent School District of the city of Davenport, Iowa.

Notice is hereby given that bids will be received in writing by the Board of Directors of the Independent School district of the city of Davenport, up to the 11th day of May, 1896, to furnish for the use of the public schools of said district, all text-books required for the term of five years, as is provided by Chapter 24, of the Acts of the Twenty-third General Assembly of the State of Iowa.

The estimated quantity is as follows: The entire enrollment for the year 1895 was, primary department, 3,988; grammar department, 1,450; high school, 349.

Samples of all text-books included in any bid must be deposited and remain in the office of the county auditor, in accordance with Section 7, of said act.

The board reserves the right to reject any and all bids or any parts thereof.

E. WEINGARTNER, Secretary.

NATH. FRENCH, President.

Davenport, April 14, 1896.

## NEW YORK'S NEW SYSTEM.

The bill abolishing the school trustees in New York city and concentrating all authority in the board of education is now a law. The mayor, in approving the new law, gives the following reasons for doing so:

It is the outgrowth, although a compromise, of a bill that originated with the board of education, and indorsed by a majority of the Committee of Seventy.

It divides the city into school districts, and while it provides that the number of districts shall not be less than 15, it permits an increase in the number of such districts according as the board of education shall determine that the conditions demand such increase. The bill requires the mayor to appoint five inspectors for each district.

The bill creates, in substance, a plan of civil service preferment, enabling the Superintendent of public schools to thoroughly examine candidates for promotion, which work will thus be done by trained educators more likely to select competent teachers, and yet in no way interfere with the present principals and teachers, and should insure none but thoroughly qualified persons being selected to instruct our school children.

The responsibility and increase of power thus conferred upon the board of publication will, in my judgment, insure additional discipline in the general management of our schools, and accomplish more prompt action in the correction of abuses that may have gradually crept into the management of our schools through the boards of trustees.

The concentration of authority makes it possible to locate at once the responsibility for any mismanagement in the school system.



MRS. MARY F. MERRILL,  
First Woman School Board Member, Milwaukee, Wis.



# MINNESOTA'S CONVENTION.

SCHOOL BOARD MEMBERS AND EDUCATORS MEET  
AT NORTHFIELD.

The school directors throughout the state of Minnesota were well represented at the first convention of Boards of Education, which was held at Northfield, April 14th and 15th.

It is a very encouraging sign of the times to see members of boards of education from all parts of a large state come together for the mutual benefit they can derive from an interchange of ideas in regard to topics which are ever uppermost in their minds. By this intercourse with each other, by exposition of the acquirements of some and the deficiencies of others, it will lead to make boards of education more competent, and will give the members better judgment, more information and a wider range of thought, besides causing them to take a deeper interest in their work.

The importance of such gatherings cannot be over-estimated. Let all members of boards of education, therefore, take an active interest in these educational meetings which help to sustain that glorious fabric upon which our republican institutions are founded.

Among those present were Geo. W. Buswell, Blue Earth City, O. D. Lawin, Waseca, J. P. Temple, Morristown, F. A. Wildes, Jr., Morristown, L. L. Bennett, Owatonna, Wm. (Gausewitz), Owatonna, J. G. Cross, Rochester, G. R. Hall, Plainview, F. E. Gleason, Austin, H. C. Waldecker, Austin, J. D. Engle, Minneapolis, John W. Todd, Montevideo, S. C. Page, Anoka, Ora J. Parker, Le Sueur, John P. Hanson, Hastings, John Van Slyke, Hastings, W. W. Churchill, Rochester, A. Lakensgard, Madison, O. S. Huke, Nerstrand, A. E. Engstrom, Cannon Falls, Luth Jaeger, Minneapolis, Geo. S. Spaulding, Alexandria, Rev. M. T. Gjertsen, Minneapolis, Wilson G. Crosby, Duluth, H. Bendixen, Springfield, S. S. Parr, St. Cloud, J. H. Ralfe, Minneapolis, A. M. Locker, Cannon Falls, Wm. L. Pieplow, Milwaukee, Mrs. M. A. Jump, Montevideo, Geo. A. Franklin, Faribault, O. F. Morgan, Waterville, W. F. F. Selleck, Austin, F. Gleason, Austin, J. P. Hummel, Dundas, M. R. Dresbach, Dodge Center, Robert Taylor, Kasson, Francis Howard, Northfield, Joseph Herkenrath, Dundas, Cliff, W. Gress, Cannon Falls, Joel N. Childs, Farmington, E. S. Pittjohn, St. Peter, Geo. B. Aiton, Minneapolis, Edgar George, St. Peter, O. G. Feland, Northfield, L. D. Wilkes, St. Paul, P. S. Aslakson, Cannon Falls, Dr. W. A. Hunt, Northfield, Irwin Shepard, Winona, Prof. H. Goodhue, Northfield, W. W. Pendergast, State Supt. Public Instruction, Edw. G. Adams, Northfield, and E. N. Leavens, Faribault.

The convention was called to order at 11 o'clock by Dr. W. A. Hunt, President Northfield's board of education, who spoke as follows:

Within the past two or three years the Northfield school board has sent out circular letters, twice asking for information regarding school matters and in that time have received more than that number from other boards. This slight indication of a desire for an interchange of ideas, led the board to inclose with its last circular, another, with the object in view of learning how many other Boards would favor a general conference for the discussion of all topics pertaining to the duties of school boards. The response to this letter, sent to about fifty of the leading cities of the state, showed that a surprisingly large number heartily endorsed the plan, and consequently a call was sent out, for this, the first convention of school boards in Minnesota. It is hoped that the success of this meeting will justify a permanent organization.

School boards as now elected and organized are independent and isolated bodies, each acting upon its own best judgment and knowing little or nothing of the best methods of other Boards and unable to obtain much correct information.

There is no plan in use for gathering and exchanging opinions and decisions of other Boards doing the same line of work. Outside their own imperfect knowledge of educational methods and such advice as a more or less capable superintendent can give, there is little to guide them.

School teachers and superintendents have their conventions to better enable them to furnish us the best service possible, but a school board which is responsible to the district for that best service, often does not know what it is or whether it is being obtained. Does not the average school board need to be educated up to its own duties and obligations, when the success of the educational system so largely depends upon its own decisions? For "as is the School Board so is the school." A school board is elected for the purpose of providing the best instruction in the most economical manner. To secure this end and to act intelligently, requires that a board be well posted in the latest and best ideas of the day, to know what other districts are doing and to profit by their experience. It can be but beneficial, therefore, in endeavoring to solve the problems which present themselves to every Board to know what decisions other Boards have reached in similar circumstances.

For the multitude of independent school centers involving so much expenditure and affecting the future of so many school children, much can be gained by such a conference as this now begun.

Northfield is honored by this your first convention, and our Board voices the sentiment of the city when we bid you a hearty welcome and offer you every assistance to the furtherance of the object of your visit.

The convention then effected temporary organization by electing Mr. John Van Slyke of Hastings chairman and W. F. Schilling of Northfield secretary. Before taking the chair Mr. Van Slyke expressed what seemed to be the views of every one present in these words:

"I believe that to-day we are organizing one of the greatest movements of this country. It will

be looked upon as one of the greatest days in the advance of education. I honor the gentleman who initiated the movement."

Ora J. Parker, of Le Sueur, moved that a permanent association be formed which called forth a spirited debate as to whether or not to include the whole state. Mr. Wm. L. Pieplow, the representative of the American School Board Journal, was called upon for his opinion, and gave some interesting history. An organization of school boards was first effected in Illinois, followed by Wisconsin, Iowa, Texas and Pennsylvania. A national convention of school boards, the first of its kind, will be held in Buffalo this year in connection with the National Educational Association. The motion to include the whole state prevailed and E. N. Leavens of Faribault, Francis Howard of Northfield, and Ora J. Parker of Le Sueur, were appointed a committee on permanent organization. The meeting then adjourned until 2 o'clock.

The convention was again called to order at 2:00 o'clock.

The committee on permanent organization made the following report.

We, your committee, respectfully report as follows:

We recommend the adoption of a constitution as follows, limiting the recommendation to the following two articles thereof, and asking further time to complete the same.

Article 1—The name of this organization shall be "The Associated School Boards of Minnesota."

Article 2—The association shall have the following officers: A president, vice-president, secretary, and treasurer, who shall be elected annually at the regular meeting of this association, and shall hold their offices for one year and till their successors are duly elected and qualified.

The first officers of this association shall be: W. A. Hunt, of Northfield, president; Geo. S. Spaulding, of Alexandria, vice-president; Luth Jaeger, of Minneapolis, secretary, and John W. Todd, of Montevideo, treasurer, who shall hold their offices till the next annual meeting of the association.

We further recommend the election of three delegates to the National boards of education convention as follows: G. W. Buswell, of Blue Earth City, H. Bendixen, of Springfield, and Wilson G. Crosby, of Duluth.

We further recommend the election of an executive committee of three members.

It was moved that the report of the committee be adopted, which was carried.

Dr. W. A. Hunt took the chair and, after thanking the convention for the honor conferred upon him, he introduced George B. Aiton, of Minneapolis, who addressed the convention on the subject of High School Equipments. He recommended, first, a good building planned by a good architect. The best system of heating and ventilating should be adopted. There should be a general assembly room, a working library and a working laboratory. He advocated that all laboratory supplies be purchased by Boards from the Stillwater penitentiary, where, at the instigation of the State Board, laboratory supplies are now being made. The supplies could then be purchased at cost.

Dr. J. G. Cross, of Rochester, spoke of the great benefit a working library was to high school pupils.

Rev. M. T. Gjertsen, of Minneapolis, spoke of the practical training derived from manual training.

S. S. Parr, of St. Cloud, advocated the employment of teachers of collegiate training; also, that a library should be selected along special lines so that a large general library of useless books will not accumulate. A department of education should be established by the state to list library books for high schools.

A. Lakensgard, of Madison, maintained that much of the simple laboratory equipment could be made at home and thereby save a great deal of unnecessary expense.

John W. Todd, of Montevideo, thought that the grammar school and not the high school was the people's college, and therefore more attention should be paid to it. This closed the discussion on this question.

John Van Slyke, of Hastings, moved that a committee of five be appointed on resolutions which was carried. The chair appointed the following to act as such a committee: John Van Slyke, of Hastings; John W. Todd, of Montevideo; L. L. Bennett, of Owatonna; Geo. S. Spaulding, of Alexandria, and D. J. Dodge, of Jancerville.

The chairman then introduced Rev. M. T. Gjertsen, President board of education of Minneapolis, who addressed the convention on the subject of School Supplies.

- What Needed?
- What Should Board Furnish?
- How Best Bought?

REV. M. T. GJERTSEN'S ADDRESS.

The subject which has been assigned to me, is one with which I am not as familiar as with other subjects relating to school work and education. Yet it is fast becoming a very important subject in this age of free text-books and free supplies, and is beginning to command the attention of the foremost educators of the land.

Free text-books and supplies is the last link in the chain of our very magnificent free school system of Minnesota. It makes education free, places every child on the same footing as regards educational advantages—the children of the poor as well as the children of the rich.

The question of what supplies are actually needed, is debated to a great extent, and depends largely on the nature of the course of study. Such supplies should be regarded as necessary, that will enable the pupil to perform his work under the most advantageous circumstances, his books, tablets, paper, pencils, etc., are to him, what tools are to the mechanic, the better and more numerous such tools are, the better the work performed, and the more easily accomplished. It is one of the essentials toward the best quality of work in the school room. On the other hand there may be noticed a tendency toward multiplying the quantity of supplies furnished to pupils, and allowing things not actually needed, although they may be desirable and be of great help in the pupils' work; such extravagance would be of injurious effect, by hindering the pupil from acquiring that quality of self-reliance, to be able to do much with little and to depend on his own effort. This should be guarded against. I should be inclined to think that there is at least as much danger in supplying too much as too little.

How much should the board furnish? It should furnish all that is needed as to the character and kind of supplies, and as to the quantity, it should be furnished only in such quantities as will teach the pupil the great lesson of economy. There is always a disposition on the part of many people toward wasteful extravagance when anything is furnished at public expense. Let each pupil be furnished with a certain quantity and no more, and let him understand that he is to make the best possible use of it, and it will teach him lessons that will benefit him in after life.

I am firmly of the opinion that all supplies, of every kind necessary, should be furnished by the board. The advantages of this system are apparent. In the first place the supplies are on hand when the school opens at the beginning of each term and each pupil is properly furnished with what is needed. There is no delay in getting down to work the first day of school on account of a great many pupils not having their books and supplies, parents being unable at that particular time to furnish them. In the schools of Minneapolis a vast amount of valuable time is gained under our present system. In the second place, if the board furnish the necessary supplies, they would, of course, have the right to regulate the use thereof, and insist on the most rigid economy, whereas when the supplies are furnished by the pupils themselves, the board would not have the same jurisdiction as to their use, and there would, consequently, be considerable unnecessary waste and extravagance, which the parents, especially of the poorer classes, would feel as a burden. In the third place, it is very much cheaper. The board purchased these supplies in large quantities at wholesale rates, making a saving of from forty to fifty per cent. in the cost over the old plan.

How should the supplies be bought? The board should, of course, endeavor to get the best for the least money. Quality should not be sacrificed for the sake of economy. The board should first determine upon the quality required, and then buy in the open market, soliciting bids. It will be found quite expensive to give any firm a monopoly in furnishing supplies. In order to prevent delay in the delivery and use of supplies, the full supply necessary for the whole year should be contracted for, purchased and delivered before the opening of the school.

S. S. Parr, of St. Cloud, favored the system of free text books but opposed free supplies, and advocated that school supplies be furnished to pupils by the teachers at cost price.

Supt. Edward G. Adams, of Northfield, thought that all pupils should be compelled to use the same kind of supplies and spoke of how disagreeable it was to a teacher to have pupils use a dozen different kinds of lead pencils, pens, paper, etc.

John Van Slyke, of Hastings, favored the Free Text Book System and gave interesting examples of his own district to show how invaluable the system is.

J. H. Ralfe, secretary board of education, of Minneapolis, favored the making of everything free to pupils. He said the system was in vogue in Minneapolis and gave the best of satisfaction. The system had increased the attendance 12 per cent. and allows the children of poorer classes to attend school with more ease, as there was no distinction made between the rich and the poor under the system.

He believed that every American child should be educated from the kindergarten through the high school at public expense as the public was benefited thereby.

Supt. Geo. A. Franklin, of Fairbault, said that pupils took more care of books furnished by the board than of their own, but thought that advanced pupils needed some of their books as they were valuable in after life.

O. F. Morgan, of Waterville, spoke of the fact that some classes used more than others; in most such cases he thought it was the fault of teachers. That some pupils used more supplies than others, and

Wilson G. Crosby, of Duluth, said that he was well satisfied with the free text-book system in his city. He believed that all school supplies should be purchased by boards at the beginning of the school year and not during the year in small quantities.

G. R. Hall, of Plainview, thought by introducing the free text book and school supply system in small districts the expense would be too great to the tax payers.

(Continued on succeeding pages.)



## LIGHTING AND SEATING.

THEIR PROPER RELATION IN THE SCHOOL ROOM TO THE HYGIENE OF THE EYE.

(Continued from last issue.)

This we find in combining the extremes, black, or the absence of all light, and white, giving such a shade of grey as we may desire to meet the indications. Blackboards although not disturbing the quality, absorb a considerable portion of light, and if the general amount of light is not plentiful in a given room, these should not cover too much surface; such rooms as well ought to have the walls colored white or nearly so. The ceilings of all rooms ought to be white, by this we gain a valuable reflector and diffuser of light. Glass dulled on one side by sand blowing, and gray cathedral glass, would make desirable substances for shading, but but being too costly are hardly practicable. Colored materials of whatsoever shade except grey ought never to be used.

Shades should roll at the bottom of the window, this will allow the more advantageous light to enter, besides making it easier to lower the upper window for other purposes.

No artificial light can ever equal diffused sunlight, and therefore it is very desirable that children be required to do their studying in daytime if possible. However, when required, artificial light should be made as nearly as possible to correspond with natural light. It ought to be ample in quantity, good in quality and come from a suitable direction. It ought, furthermore, be steady, otherwise it will be dazzling and fatiguing. The electric light promises to meet the indications most perfectly. Experiments have been carried on by means of concave mirrors throwing the light to the white ceiling, thus diffusing it equally through the whole room, while the source of light remained hidden. The results are said to have been perfect. The electric light possesses an additional advantage over other artificial light in that it does not vitiate the air, which is a very important consideration where large classes for long periods of time are confined to a room.

## DIRECTION OF LIGHT.

The most favorable direction in which light can enter a school room is probably from above. The photographer well knows the excellent service of diffused skylight. Unfortunately, however, our school buildings are more than one story high, making this impracticable excepting for the upper floor. All light that does not come from the page in reading or in writing can only be a source of annoyance. If it is direct light that strikes the eye the retina becomes unduly irritated, and cannot properly perform its function. Reflected light as well irritates the retina excessively, and often causes a confusion of images of the print with the images of other objects from which it may be reflected. For this reason, also, blackboards must not be placed between windows, as the direct light from the windows will be a source of the greatest danger to the eyes of the pupils.

The surface of blackboards must not be glossy, but a dull black to prevent strong reflections. Light coming from below the level of the paper or the head of the child is often worse than useless.

It will be readily seen from this that light ought to enter in such a direction that it strike our page from above and the left side. Light from the right side is, as a rule, objectionable because it casts shadows, and for the same reason light from behind is not desirable, shadows of head and shoulders being cast over the pages. To increase the general lighting effect partially diffused light from behind, but from as high a level as possible may be permissible. But if the rooms are arranged properly sufficient light from the left side can be admitted without resorting to other sources. It will be noted that light as it comes from the left strikes the page, most of it being reflected from the page at the same angle that it touched it. This light does not pass on as so much useless

light, but as it passes from surface to surface, lighting the room from millions of reflections and reflections until finally becoming thoroughly diffused throughout the room, each nook and crevice is equally well illuminated with the general light in the room.

This light being so strongly diffused does not cast any shadows, is sufficient in quantity, and, if the reflecting surfaces are free from color, nonirritating in quality. It is the ideal light, and it has been amply proven that many, if not all of the aggravating eye strains and their varied consequences, so prevalent in our schools, could be avoided by close attention to this subject.

Bearing very closely upon the well-being and health of the child's eyes, as well as of his body, is the position he assumes during study. The seating of school children, therefore, becomes a subject of almost paramount importance with that of good light. A bad posture is not only injurious to the health of the eye, but is a fruitful source of curvature of the spine. Eulenburg says that 90 per cent. of curvatures of the spine not induced by local disease, are developed during school life, and directly traceable to improper seating. The improvement in American school desks, as you all know, has been very great during the last years, yet in many particulars, we are far from perfection in this respect. As a rule, insufficient attention is being given to the size of the desks relative to the sizes of the children, and in many schools we find today desks all of the same size. As has already been pointed out under lighting, the great object we have in view is to prevent undue approximation of the pupil to his page, and to avoid stooping. Desks ought, therefore, to relatively correspond in size to the size of the pupils. A back rest is necessary, but in nearly all of our desks this is too high, and interferes with the free movements of the body, besides it encourages a sliding down of the body. A good and substantial support to the pelvis and lower part of the back is sufficient and decidedly the least fatiguing. Furthermore, a child must rest its feet on a foot board or the floor to rest well. Non-support of the feet while sitting produces great fatigue and restlessness in children.

The height of the seat, the height of the desk, and its slope, are very important. The slope for reading should be about  $40^\circ$  and for writing  $20^\circ$ . The edge of the desk should at least come up to, or slightly overlap, the edge of the seat. This is an important consideration, and assists much in preventing the habit of stooping.

It must, however, be borne in mind that however important and necessary a proper school desk may be, it is equally important that the habit of correct sitting be acquired, and the teacher ought to dwell on this point at the beginning of the school year.

Cramped and awkward positions are not likely to be assumed by an occupant of a properly fitting desk, except in writing and drawing, yet the habit of bad positions of sitting for all work may be acquired by the pupils unless properly instructed. Pupils should never approach their work closer than twelve inches.

It remains an undisputed fact among oculists that the constant stooping forward of the head and the close approximation to the page, is the most effective factor in the production of myopia, save possibly constitutional predispositions. Eyes under these conditions are working in a state of tension, as it were, which if long continued, produces a deep intraocular pressure, softening of the coats of the eyeball and stretching of the same, resulting in the milder forms in a slight elongation of the eyeball characteristic of myopia, and in the more severe forms where this stretching may continue further, to perfect loss of the eye by over stretching of some of the delicate and essential internal coats of the eye. It has been noted with a great deal of satisfaction that wherever radical improvements in the lighting and seating of schools has been carried into effect, the reduction of

myopia has been so great that its ultimate absolute prevention would seem a probability.

It must be observed, however, that not only must our pupils be properly protected while in school, the parents as well must co-operate and the close application of the scholars at the home under unfavorable conditions must be discouraged. After the child has attained its full growth, its tissues become more resisting, and injury to the eyes in the manner above stated, becomes less frequent.

JAS. A. BACH, M. D.

ROVILLUS R. ROGERS,  
Supt. Schools,  
Jamestown, N. Y.

## A SCHOOL DIRECTORS' MEETING.

The sessions of the Montgomery County, Pa., School Directors' Association Norristown, were very interesting and satisfactory throughout. A discussion on Compulsory Education elicited much attention and was of value to the Directors present who are confronted with the responsibility of carrying out the provisions of the law.

Those present were: Emma M. Evans, Lower Gwynedd; G. B. Kiblehouse, Lower Gwynedd; Jesse S. Kriebel, Worcester; Jason Sexton, Lower Gwynedd; S. P. Childs, Plymouth; R. F. Hoffecker, Norristown; Thomas Williams, Cheltenham; J. W. Bisson, Upper Gwynedd; C. D. Wright, Jenkintown; H. S. Kriebel, North Wales; J. H. Hunsberger and John C. Morgan, Worcester; David Schall, Norristown; Philip L. Jones, C. Howard Carter, Narberth; W. H. Myers, Cheltenham; Cyrus H. Caley, W. W. Potts, Upper Merion; E. M. Heebner, Upper Gwynedd, Watson Bavington, Lower Moreland; C. S. Jenkins, Upper Gwynedd; Frank W. Lockwood, Whitmarsh; W. H. Reed, C. Henry Fisher, Norristown; Chas. A. Livezey, Lower Gwynedd; Daniel M. Anders, Lower Providence; Charles H. Harrison, Narberth; John H. Hipple, Conshohocken; N. R. Rogers, Norriton; Wm. McGeorge, Lower Merion; William DePrefontaine, Upper Dublin; William McElhaney, Lower Merion; J. D. Alderfer, Perkiomen; F. A. Stout, Springfield; J. C. Jones, Conshohocken; David J. Hunter, Narberth; George W. Bartholomew, Whitmarsh.

An election of officers was held with the following result: President H. H. Quimby, Lower Providence; Vice President, W. W. Potts, Swedeland, Cyrus H. Caley, Upper Merion; Secretary, F. W. Lockwood, Whitmarsh; Treasurer, County Superintendent Hoffecker, Norristown.

The Executive Committee elected consisted of Jason Sexton, C. H. Caley, D. M. Anders, J. S. Kriebel, and Mrs. Emma Evans.

The following subjects were discussed during the afternoon:

"Should the State Provide Standard Plans of School Houses?" Dr. W. H. Reed and John F. Kinsey.

"Manual Training in Rural Districts," William McGeorge and H. S. Kriebel.

"How Shall We Keep Good Teachers and Get Rid of Inefficient Ones?" Rev. Philip L. Jones.

President Quimby in his address, among other things, said: The vicissitudes of popular elections deprive us sometimes of wise associates and make the personnel of the association somewhat changeable. Unfortunately a display of progressive spirit in a director is sometimes the sole cause of his retirement by the voters. But this state of public feeling in a community, while it retards, cannot permanently hinder the infusion of light, and the leaven of the public school will penetrate and ultimately raise the standard of any community.



# APPOINTIVE OR ELECTIVE BOARDS.

WHAT SHALL BE THE TERM OF SCHOOL BOARDS, AND WHAT SIZE THEIR MEMBERSHIP?

We present herewith the third series of valuable as well as interesting opinions. The questions propounded were as follows:

1. Shall the members of school boards be appointed by the mayor or city council, or elected by the popular vote?

2. Shall the members of school boards represent the city at large or their respective wards or districts?

3. How large shall school boards be, or, in other words, how many members shall represent a school board for each 10,000 population?

4. How many years should their term of office cover.

Dr. John E. Clark, president school board, Detroit, says:

I do not believe that the education of the city should be placed entirely in the hands of one who holds office temporarily. School boards appointed by the mayor of any city would unavoidably tend to the political complexion and personal wishes of the appointing power, and I can readily imagine instances in which the whole board might be the creatures of one man. This to me does not seem advisable, as politics, religion, and money, might have too much influence in the complexion of such a board. Appointing its by the council, while open to some of the objections above mentioned, would nevertheless be preferable to the one man power, but a careful consideration of the various points at issue in the formation of a reliable school board of education leads me to the conclusion that the people, and they alone, should be entrusted with a selection of such importance to the city.

I believe that members of the school board should represent the city at large instead of their respective wards or districts. Notwithstanding the fact that our city has shown representation at large to be a failure owing to the tendency to political concentration, school boards composed of ward representatives as a rule, are in my opinion, altogether too unwieldy for economical government.

The size of a board should bear direct relation to the method of its selection—in other words, a school board appointed by an executive, either of the city or state should in my opinion not exceed five, and if elected by the people, should average at least one to every 20,000. If elected by wards instead of at large, there should be at least one representative from each ward. I think there should be a sliding scale adopted. A city of one-half a million would not require a representation per capita equal to that of one of 20,000. The term of office should be at least four years.

JOHN E. CLARK, President.

Fall River, Mass. Hon. Leontine Lincoln, chairman of the Fall River, Mass., board, says:

My opinion is that school boards should be elected by popular vote; that the members should represent the city at large; that there should be one member for each 10,000 population; and that the term of office should be three years.

Houston, Tex. The president of this board answers questions as follows: 1, Appointed; 2, City at large; 3, One for each 10,000; 4, The terms of one half to expire each year.

Auburn City, N. Y. O. C. Hall, President: 1, Popular vote; 2, City at large; 3, Three for each 10,000 population; 4, Not less than three years no more than five. It will take a new member at least one and one-half years to become conversant with the needs and duties. The balance of term only is of value to the board.

St. Paul, Minn. President board of education: 1, By mayor; 2, City at large; 3, From 5 to 10 members; 4, Two or three to each 10,000 population.

Altoona, Pa. President board of education: 1, Popular vote; 2, City at large; 3, Six members for any population; 4, Three years.

Covington, Ky. Hon. Max. Herbst President school board: 1, Popular vote; 2, City at Large; 3, By wards, two from each; 4, Two years.

Little Rock, Ark. President board of education: 1, Popular vote; 2, At large; 3, not more than 3 to 5 for each 10,000 population.

Akron, O. Hon. Jas H. Seymour, president board of education: 1, Popular vote; 2, By wards or districts; 3, two members to each ward; 4, three years.

Grand Rapids, Mich. Henry E. Locher, president Board of education: 1, Popular vote; 2, at large; 3, Two members for every 10,000 population; 4, about two or three years. Keep them on the board as long as they do well.

Evansville, Ind. W. M. Akin Jr., president school board: 1, By the mayor; 2, At large; 3, Three in all; 4, Three years.

## THE KENTUCKY COMPULSORY LAW.

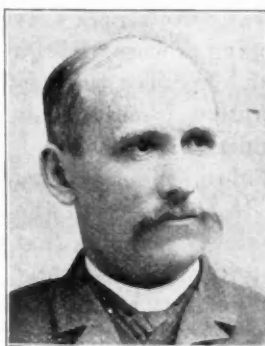
The new law just enacted by the legislature reads as follows:

Section 1. That every parent, guardian, or other person in the State of Kentucky, having control of any child or children between the ages of (7) seven and (14) fourteen years, shall be required to send such child or children, annually, (8) eight consecutive weeks, to some public or private day or night school for children: Provided, however, that this act shall not apply in any case where the child has been or is being taught at home in such branches as are taught in public schools for a like period of time and subject to the same examinations as other pupils of the district or city in which the child resides, or whose physical or mental condition renders his or her assistance impracticable, or who is excused by the trustees of the public school district, or the board of education of the city in which the parent, guardian or person having control resides, upon its being shown to their satisfaction that the parent, guardian or person having control was not able by reason of poverty, to clothe said child properly, or that he or she has already acquired the ordinary branches required by law, or that there is no white school, in case of white children, or colored school, in case of colored children, taught within two (2) miles by the nearest traveled road.

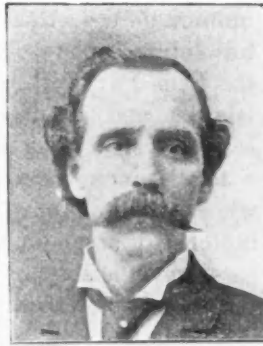
Sec. 2. Any parent, guardian or person failing to comply with the provisions of this act shall forfeit to the use of the schools in the city, town or common school district in which said child resides, a sum not less than five (\$5) dollars nor more than twenty (\$20) dollars for the first offense, nor less than ten (\$10) dollars nor more than fifty (\$50) dollars for the second and every subsequent offense, and costs of suit.

Sec. 3. It shall be the duty of any School Trustee or President of any board of education to inquire into all causes of complaint and neglect of duty prescribed in this act, and he shall notify in writing the parent, guardian or other person so offending that such complaint has been made, and if the cause be not shown within five (5) days to at once proceed against the responsible persons as is hereby provided; and any School Trustee or President of the board of education neglecting to under-

(Continued on Subsequent Pages.)



Dr. J. C. YUTZY,  
Secretary.



W. E. DORRINGTON,  
President.



W. R. CROOK,  
Member School Board.



W. S. HORNET,



B. SIMONTON,  
Vice Pres. Board of Education.

BOARD OF EDUCATION, FALLS CITY, NEBRASKA.

## SPECIAL STUDIES.

Brooklyn. It is found that the schools must obey the scientific temperance law in order to save for the city its share of the state school money.

F. S. Allen, the school house architect of Joliet, Ill., has published a strong article in favor of manual training.

Stevens Point, Wis. The new high school will have a full equipped gymnasium.

St. Paul. A protest has been received by the W. C. T. U. against the use of beer mugs and bottles as models for pupils in drawing.

Ishpeming, Mich. The high school will be equipped with a gymnasium.

Indianapolis, Ind. The Prang system is used in drawing and is in charge of a very competent supervisor. It is a great success and the drawing is remarkably good.

New Haven, Conn. Board decided that from thirty to sixty minutes each week be devoted to the study of mental arithmetic in the four upper grades.

Minneapolis, Minn. A physical culture class of fifty teachers has been organized. The Preese system is being taught them.

Racine, Wis. The Racine Turner Society has engaged Louis Freytag, teacher of physical culture in the public schools of Milwaukee, to form classes here.

Brooklyn, N. Y. A regular weekly drill in singing is to be given the students in the manual training high school.

Wellington, Kas. Board substituted German for rhetoric.

Hope, Kan. It is proposed to add drawing to the regular school course.

Albany, N. Y. Spelling is to be included in the high school.

Bloomington, Ill. Board added nature study and drawing to the school curriculum.

Woonsocket, R. I. Experiments are to be made in the schools with the vertical writing system.

A bill has been introduced in the legislature of the state of Maryland, providing for the introduction of physical training in the public schools and making it compulsory.

Detroit, Mich. Supt. Robinson says that the cases of corporal punishment have decreased by 50 per cent. since music and physical culture have been introduced.

Ann Arbor, Mich. The Michigan Schoolmasters' Club decided that American History ought to be a required part of every high school course. A committee was appointed to consult teachers of history all over the state and make up a list of books to constitute a uniform library of history for the schools of the state.

Brooklyn, N. Y. The study of alcohol has begun in the public schools.

Minneapolis, Minn. The board of education has decided not to introduce vertical writing in the schools at the present time.

Detroit, Mich. A movement is on foot to do away with all special teachers.

Salt Lake City, Utah. Board abolished the teaching of elocution in the high school for the balance of the year, and decided to abolish the position of supervisor of physical culture at the close of the present year.

Greenfield, Mass. Typewriting, stenography, book-keeping and commercial law is being taught in the public high school.

Middleboro, Mass. The board of education adopted the Swedish system of educational gymnastics for use in all the elementary schools.

The action taken by the Chicago Board of Education to dispense with special teachers does not go into effect until June, 1897.

Nashville. Psychology has been dropped from the high school.

# THE AMERICAN School Board Journal

DEVOTED TO  
SCHOOL BOARDS, SCHOOL OFFICIALS, AND TEACHERS.

WM. GEO. BRUCE, - PUBLISHER AND PROPRIETOR  
372-6 Milwaukee St., Milwaukee, Wis.

NEW YORK OFFICE: - - - 59 Fifth Avenue  
FREDERIC H. LARK, Advertising Manager.

CHICAGO OFFICE, - - - 24 Adams St., Room 41.  
W. J. LARK, Advertising Manager.

ISSUED MONTHLY.

SUBSCRIPTION, - - - ONE DOLLAR A YEAR.

Entered at Post Office at Milwaukee, Wis., as second class mail matter

We are publishing the only Journal devoted exclusively to School Boards and executive officers. We furnish information on the doings of School Board committees, including important executive actions, best methods of heating and ventilation, text-books, with prices and adoptions, school law decisions, models of school buildings, statistics upon salaries, publish the engravings of leading school men, etc.; briefly, we keep School Boards and Teachers abreast with the time.

School boards and school officials looking for good teachers should consult our directory of reliable teachers' agencies, which appears in this journal every month. We list only those who are well recommended and who have demonstrated their usefulness to school boards and teachers.

## THE PROGRAM ANNOUNCED.

The program for the Department of School Administration (National School Board Convention) is completed. It covers the most important problems in modern school administration, and the persons who will treat them have had years of experience and stand high in their respective cities for ability and efficiency in school affairs. We are more than pleased at the success attained by the executive committee in combining topics and persons for this important event, and thus ensuring the success of the first national meeting of the boards of education of this country. The program is as follows:

### WEDNESDAY, JULY 8.

The School Board Convention Idea. Hon. Geo. R. Fowler, Member Board of Education, Boston, Mass.

School Boards—What and Why. R. L. Yeager, Esq., President Board of Education, Kansas City, Mo.

The Relation of a Board to its Superintendent. Wm. S. Mack, Member Board of Education, Aurora, Ill.

The Free Text-Book System. Mrs. Louisa Reed Stowell, Member Board of Education, Washington, D. C.

### THURSDAY, JULY 9.

Shall Teachers be Pensioned? Dr. J. E. Clark, President Board of Education, Detroit, Mich.

School House Hygiene. Wm. Backus, Esq., ex-President School Council, Cleveland, O.

School House Architecture. Hon. J. E. Dooley, President School Board, Salt Lake City, Utah.

All addresses will be limited to 15 minutes and each will be followed by a general discussion.

The meeting will be held at Buffalo, N. Y., July 8th and 9th, 1896, in connection with the National Educational Association.

Special railroad rates from all parts of the country, as well as special hotel rates at Buffalo, will be made.

## BOARD OF EDUCATION RESIGNATIONS.

During the past month several members of the Chicago board of education signified their intention of resigning from further service in that body. These include some of the most valuable members. The cause, in each case, is assigned to the volume of duties imposed, and the lack of time to perform them. The board is a comparatively small one, consisting of twenty-one members only. The school system is a growing one, maintaining several hundred schools, employing over three thousand teachers, and educating over one hundred thousand children. The labors assigned to every member of the board are exacting and arduous, and few men can afford to spare the necessary time from their business or professional vocation to devote to the public welfare. The sacrifice is greater than the average citizen can make, consistent with his own private interests. He may be tempted to accept the position, which may be regarded as an honor by any man, but after serving a year or two he will find a heavy encroachment upon his personal interests and comforts, with no recompense or thanks other than continued criticism on the part of press and public.

The lesson is obvious. Concentrated school boards means increased labors and responsibility heaped upon a few men. The insane notion, fostered by so-called reformers, who see in inefficient school boards a remedy by cutting down their numbers, is gradually bearing its fruits. Not, however, until a number of the larger cities have met with similar experiences will the tide of opinion go the other way. New York City has entered upon a clipping process through the Page-Pavy bill, which reduces the legislative and administrative forces of its school system to a minimum. Cleveland, with its much boasted ideal school system, whose seven hundred teachers are in the clutches of one man, is slowly realizing that seven members cannot govern as wisely and judiciously as can thirty or forty men.

A miniature or dwarfed school board means either a dishonest and close co-operation or clique, or else an honest, but overworked body which loses in efficiency through a crowding of duties.

The teacher, the pupil, the citizen, and even the man who deals commercially with the board, — all have a legitimate claim upon the time and attention of its members. In order to be an effectively working body, the board must be sufficiently large in numbers, and representative as to classes of the community for which it labors. A proper division of the school board duties according to the capacity of the individual members, as well as with a view upon the tax upon their time, only can ensure an efficient public body.

## AND NOW MINNESOTA.

The labor of this journal towards unifying and strengthening school boards through an interchange of ideas, intercourse and co-operation, has borne fruit in a number of states. Minnesota is the latest acquisition. It called a school board convention last month, and with the least possible preparation, and upon short notice, managed to secure a gathering that was in the highest degree successful, and met the hearty approval of, and resulted with profit to, those who participated.

The convention was notable in several respects. First, in so far as it brought out, in a degree at least, the attitude of the average school board towards the average professional educator. When the La Crosse school board members objected to the participation of superintendents and principals in the Wisconsin School Board Convention, it was thought to be without particular bearing. The Minnesota convention, it would seem, clearly indicated that a freer discussion on school matters can be brought about with the presence or assistance of the schoolmaster. The plan to bring school board men together in general state councils is as yet in its formative state, and it is, therefore, natural that some of the minor questions connected therewith must solve themselves as the plan progresses. If then, it should prove advisable to exclude the schoolmaster from school board conventions, or at least bar him from its deliberations, it may not be deemed advisable to combine the Department of School Administration with those of the various pedagogical departments, or hold the respective meetings at the same time and place. Time, however, will throw more light upon this and similar questions.

Again, the Minnesota meeting was conspicuous for the promptness with which the various boards responded in electing delegates. The value of such gatherings was readily appreciated. This promptness of action was also an indication of the right spirit which prevails in these boards. It meant a sacrifice of time and money on the part of the men who labor for the best interests of their respective school systems, without pay or emolument. The very best motive was thus displayed.

Our representative, who attended the meeting, reported the presence of an unusual number of men, able in debate and discourse, of extended experience in all phases of practical school government, and imbued with the highest aims for public good.

Let the noble work continue. Minnesota has now been added to the list of states, which already includes Illinois, Texas, Iowa, Wisconsin, and Pennsylvania, in the effort to elevate, dignify, and strengthen school boards. Better school boards will mean better teachers and better schools; and the best schools will mean the highest type of citizenship.



EVENTS OF THE MONTH IN THE SCHOOL WORLD.



WHERE CORPORAL PUNISHMENT IS STILL NEEDED.

NEW JERSEY HANDED OVER TO HON. CHAS. J. BAXTER.

WHAT SCHOOL BOARDS OF MINNESOTA WANT.

THE CELEBRATION OF MAY FOURTH.

SCHOOL BOARD CONTRACTS.

Nearly every well regulated school board makes its contracts for school supplies, school books, school buildings, etc., secure by exacting a bond from the manufacturer, publisher or contractor for the faithful performance of all agreements. This is not only business like, but necessary. The person or persons desiring school board patronage are usually willing to enter into this one-sided obligation for the fulfillment of agreements.

This obligation which school boards exact from those with whom they deal imposes, however, a corresponding obligation on the part of the board, although never fastened by a bond or other security. The fact that this is so has led to the temptation on the part of numerous boards to ignore contracts, or to comply only in a haphazard manner with their conditions. The school board that expects contractors to comply with all the conditions of an agreement must, in turn, expect to meet every obligation on its own part.

Frequently complaints are heard against school boards for failure to carry out agreements. These arise more particularly when boards contract with certain firms for a given quantity of school supplies and then purchase them from other firms; or when certain text-books are definitely adopted and others are bought or permitted to be used in their place. The school laws of nearly all states are so formulated as to protect school boards, leaving almost wholly out of the question the rights of, and the redress for, those dealing with school bodies. This may be all proper within the scope of school laws, but the moral obligation, as far as the boards are concerned, remains just the same.

Our attention has been called to the numerous instances where school boards have been guilty of broken pledges and

contracts. Among them are several large city boards, where all obligations have been grossly violated or ignored, and simply because it was evident that the dealer, manufacturer or publisher could not afford to assert his rights through legal channels.

In pointing out these facts, it is not our purpose to protect those who are obliged to deal with school boards, but rather to call attention to the fact that the dignity of a school system demands fair play and honorable compliance with all promises, implied or legal.

The school board of every community should be exemplary in its business methods, more especially since its deliberations as a public body touch upon the character-formation of a rising generation, as well as upon its educational interests and destinies.

An Ohio Board of Education is making an effort to secure, by legislative enactment, the right to let contracts to the highest bidder as well as to the lowest. A rival Ohio city says that contracts should go to the highest bidder. The lowest could not divide.

BOARDS OF EDUCATION.

HOW THEY MAY DO MORE EFFECTIVE WORK.

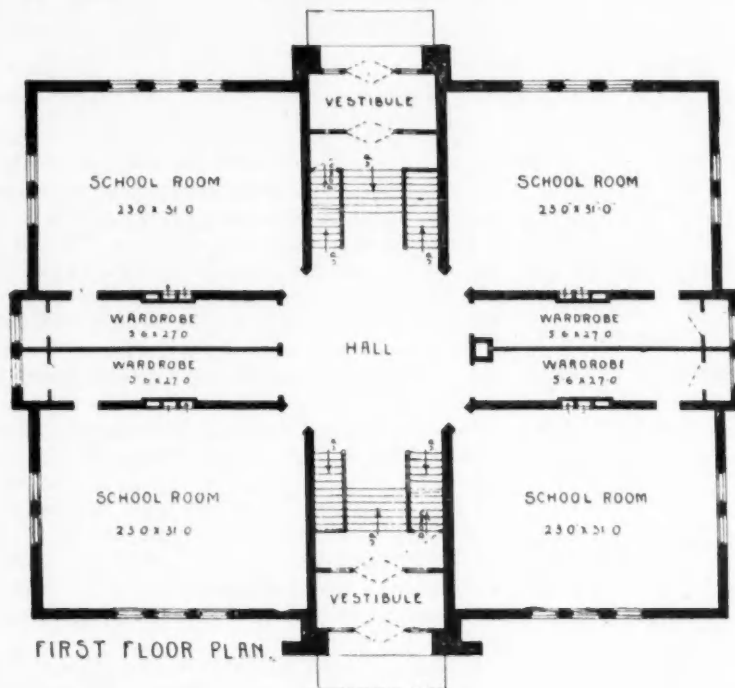
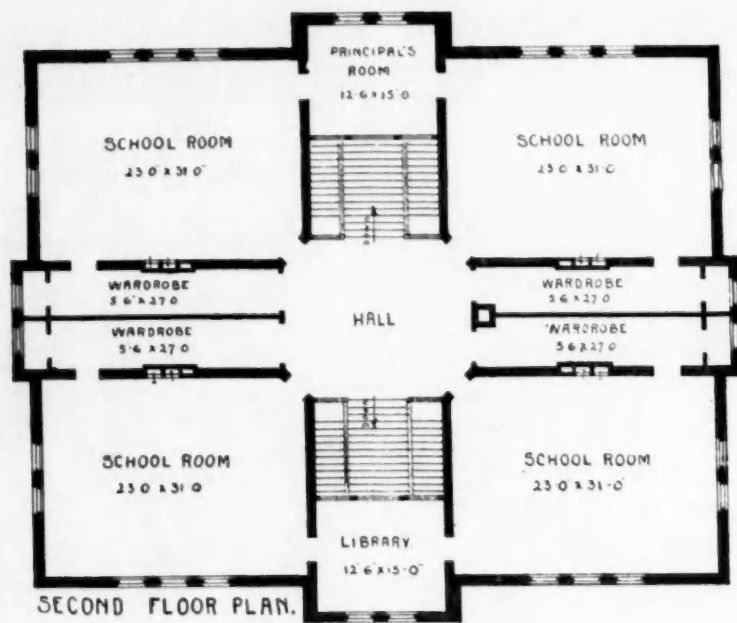
A. R. Van Skiver, of Streator, Ill., delivered an address recently before an educational gathering on the above subject, in which the following was brought out:

Herbert Spencer begins a work on sociology in this way: Over his pipe in the village alehouse, the laborer says very positively what Parliament should do about the "foot and mouth disease." At the farmer's market table his master makes the glasses jingle, as with his fist he emphasizes the assertion that he did not get half enough compensation for his slaughtered beasts during the cattle plague. These are not hesitating opinions. Neither has the average individual hesitating opinions about schools. They are usually very radical ones. Positive opinions, too, usually increase in intensity, as a knowledge of what a school should be de-

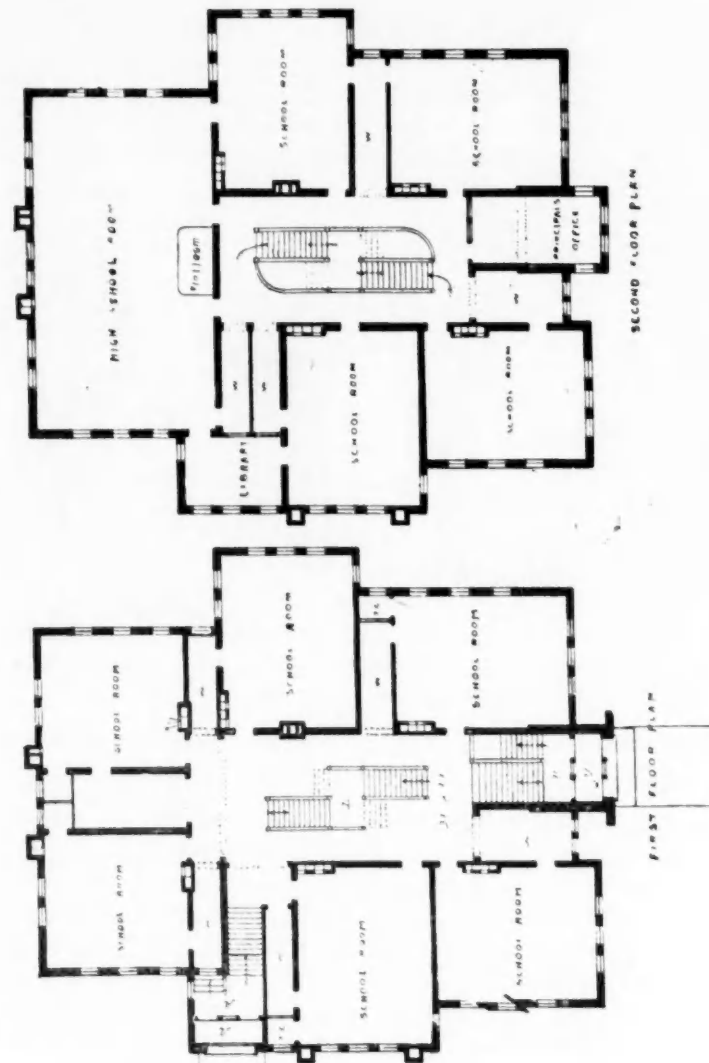
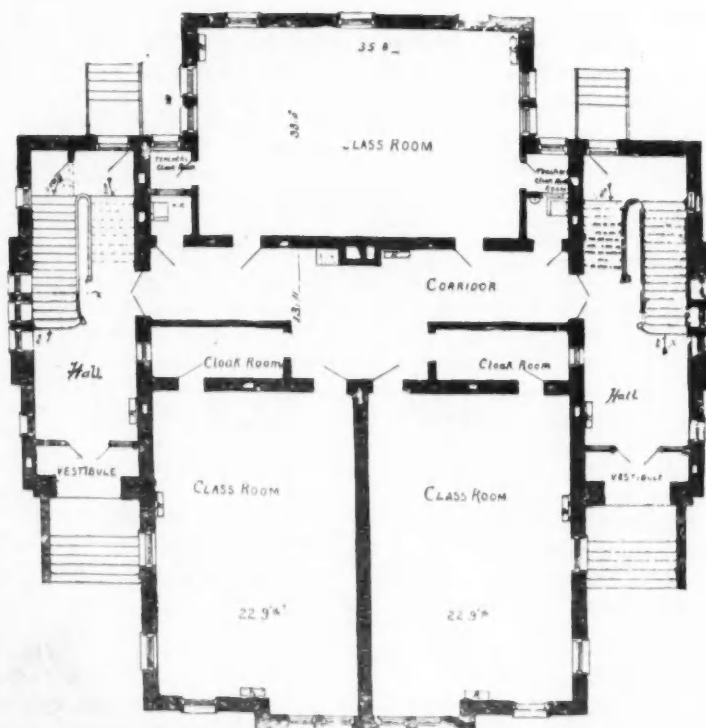
creases. This can with safety be applied to most boards of education, either individually or collectively. The average member of school boards has not the slightest conception of the duties or requirements of a teacher or superintendent, or of his own, neither does he care what they are. Too often men, and I am perfectly willing to add women too, seek places in such bodies, because they have a friend to reward, an enemy to punish, or they are the willing and suppliant tools of some friend, be it teacher, superintendent, or a parent with an imaginary grievance. The case is the same in either event. All too often school officers are the creatures of some personal selfish interest. The man who pays the most taxes has some impecunious relative for whom provisions must be made. That is infinitely more important than that the children of the district shall be properly taught; or there is an organized sentiment of some sort, which must have its way and sway.

It would never do, in either case to offend. The highest ambition of the average school board member is to get the credit for the election of all who secure places, and have the other fellow get the blame when some one, with a pull, is dropped or defeated. May I say it? There are teachers, whose controlling ambition is to hold their jobs and draw their salaries with the greatest possible regularity. No man who is not in possession of the idea that the schools are for the children, and for them exclusively, should ever become a member of a school board. Keep the man off who shows any symptoms of thinking the principal duty is the distribution of soft jobs. The man who finds that he cannot forget selfish individual interests and purposes should, at least, be man enough to resign from a board to which the people of his community have been so foolish and unfortunate as to elect him. If a member of a board of education does not possess the courage and manhood to demand the dismissal of a teacher who, from any cause, is incompetent, or incapacitated for the work, he is unworthy of a place on any school board. On the other hand, the member of a school board, who will not sustain a teacher in a proper course of action is a coward and entirely unfitted for the moral responsibility reposed in him. What if she had, by the proper enforcement of rules and discipline, given offense to the children of the leading citizen? Should not the favored few obey the same regulations as are expected of the friendless orphan, or the widow's son? A school officer who has not the grit and manhood to act upon this

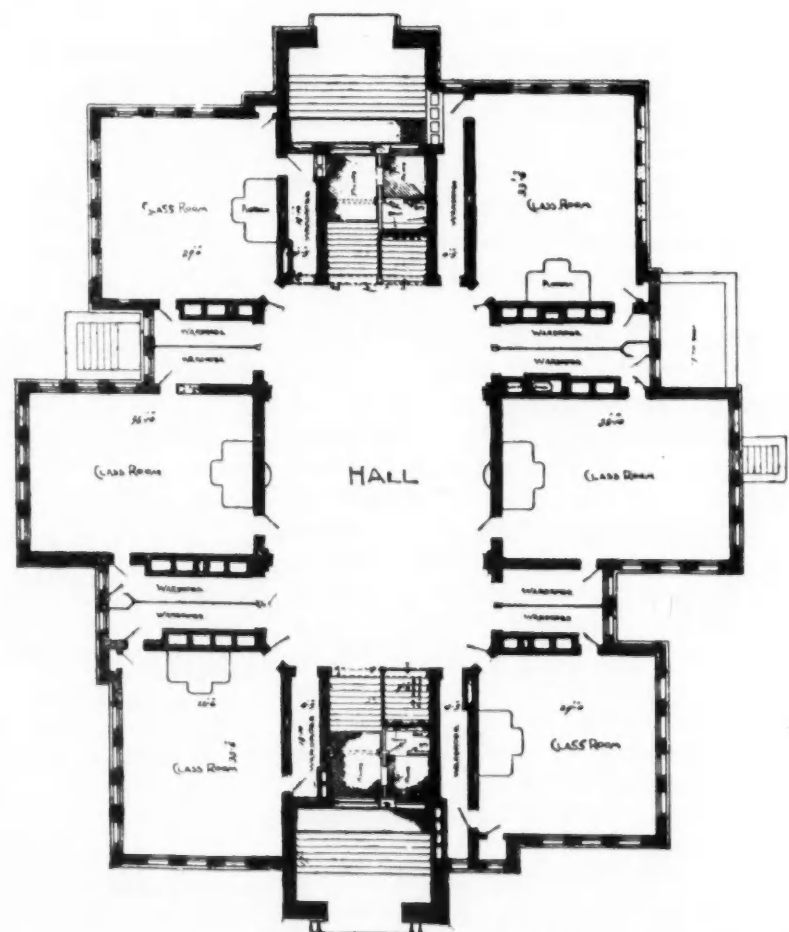
(Continued on Page 15.)



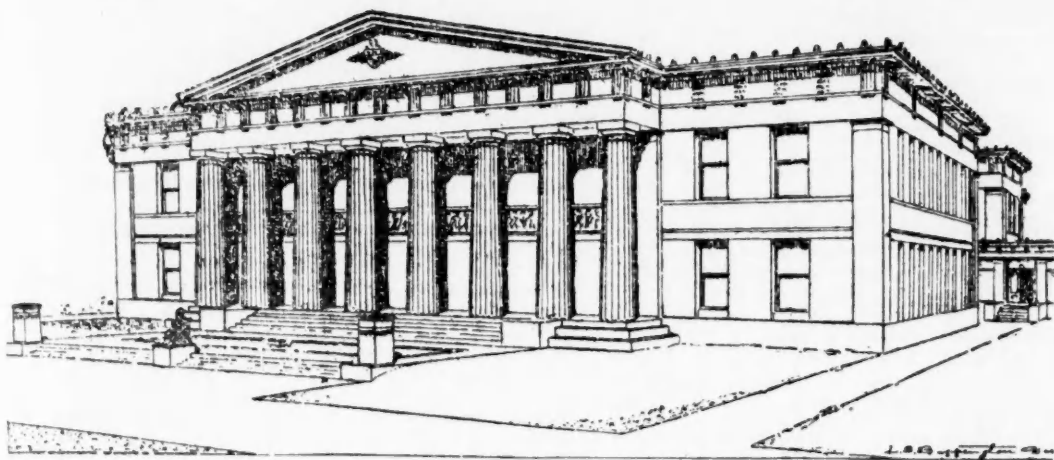
FLOOR PLANS FOR MODEL EIGHT-ROOM BUILDING.  
Foster, Liebe & Smith, Archts., Des Moines, Ia.



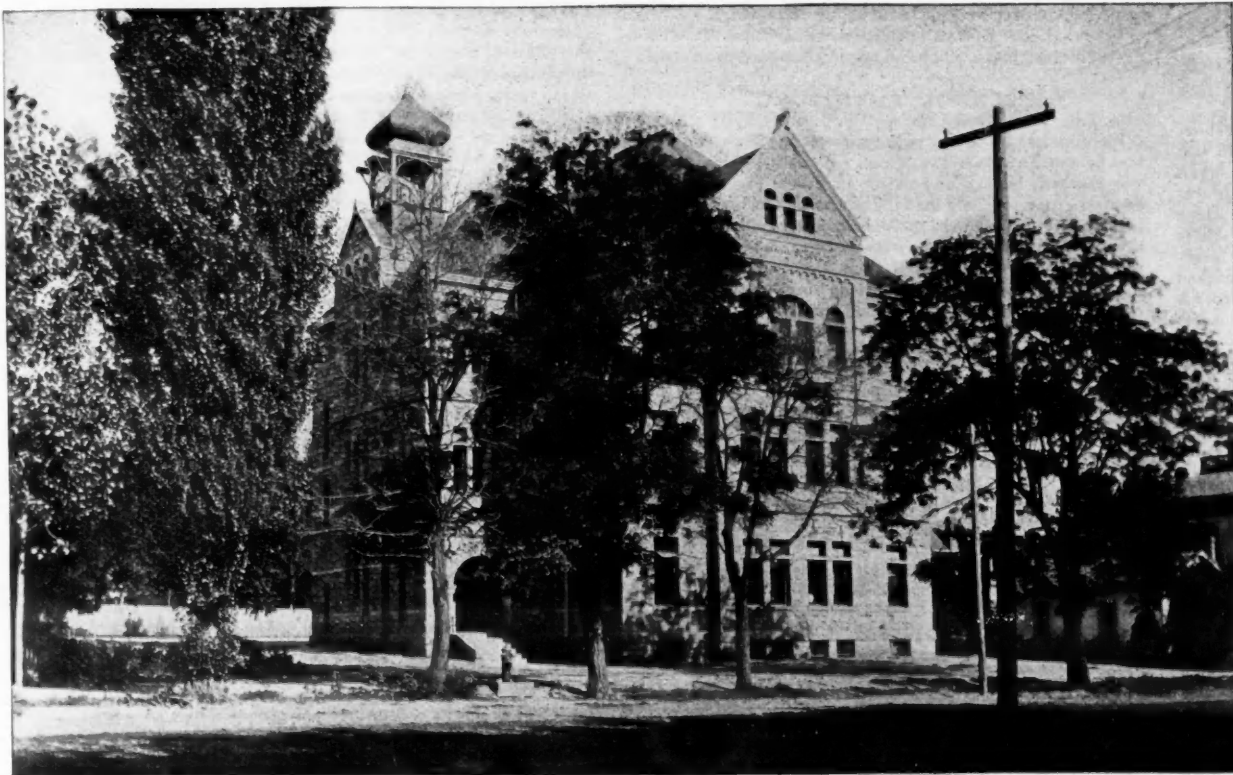
FLOOR PLANS, HAMPTON, IA., HIGH SCHOOL.  
Foster, Liebe & Smith, Architects, Des Moines, Ia.







NEW LIBRARY BUILDING, STATE UNIVERSITY, MINN.



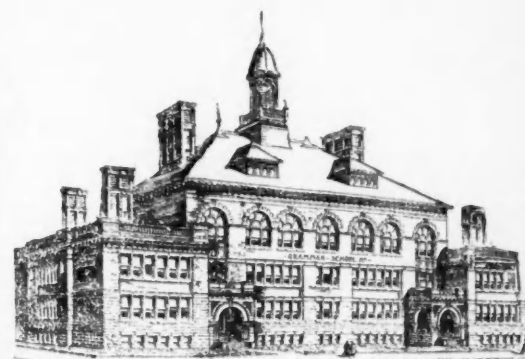
TREMONT SCHOOL, SALT LAKE CITY, UTAH.



LOWELL SCHOOL, SALT LAKE CITY, UTAH.



NEW HIGH SCHOOL, MENASHA, WIS.  
H. J. Van Ryn, Architect, Milwaukee.



A RECENT MODEL SCHOOL HOUSE PLAN.



NEW SCHOOL BUILDING, MEDFORD, OREGON,  
W. J. Bennett, Architect.



NEW SCHOOL BUILDING, NEW CASTLE, PA., TEN ROOMS.  
S. W. Foulk, Architect, New Castle, Pa.

## SUPPLIES AND EQUIPMENT.

Baltimore. Maurice Bunnell, bookkeeper for J. W. Bond & Co., school supply house, was arrested for embezzling \$1,500.

Cincinnati, O. The mayor has proposed that a sand pile be placed in every school play grounds, also that the play grounds be left open during the vacation months.

Thomas Kane & Co. have recently been awarded contracts for their composition blackboards for the following school buildings to be erected in Chicago: West 49th and Erie Sts., 22 rooms; addition to Pickard school, 9 rooms; Hoyne and Wellington Aves., 20 rooms.

F. J. Maybury, manager of the School and Office Supply Co., of Grand Rapids, Mich., is an ardent advocate of the school savings bank. The amount now held on deposit by Grand Rapids pupils is \$6,125.30.

The Holden Patent Book Cover Co. of Springfield, Mass., has engaged Will H. Bradley, the artist who has become famous through his new poster and decorative style, to prepare drawings for a series of ornamental book covers to be made in specially fine paper.

The Caxton Co. of Chicago, has issued a map of Cuba at 20 cents each, and in lots of 100 at 12½ cents each.

St. Joseph. The new high school building is to be equipped with fire escapes.

Cochran, Pa. The school board has added a Yaggy's Geographical Portfolio to the apparatus of the school.

Edwin E. Howell, 612 Seventeenth St., Washington, D. C., is supplying schools and colleges with mineral and rock specimens as well as collections in zoology.

President Wallace P. Dick of the Metzger College, Carlisle, Pa., says: "The Electric Programme Clock, placed in this college last year by Mr. Fred Frick, of Waynesboro, is not only admired as a beautiful piece of mechanism but is highly valued for its utility. Indeed, we could not well get along without it. It really assists in the formation of those habits of punctuality and regularity so essential in every sphere of human activity and thus conduces in a marked degree to health and happiness. Mr. Frick has conferred a boon on those who aim at results, and deserves the success his efforts have achieved."

Chicago. The Century School Supply Co. has been incorporated with a capital stock of \$15,000. To manufacture school supplies. Incorporators Samuel J. Stewart, Edwin A. Neiberger, and Charles C. Marquerot.

The A. H. Andrews Co. becomes the successors to A. H. Andrews & Co., Chicago, the firm which recently failed. The new firm will deal in office and commercial furniture only.

The following cities in Minnesota furnish supplies entirely free to pupils: Hastings, Duluth, Dodge Center, Waterville, and Minneapolis.

The following cities in Minnesota furnish supplies in part free to pupils: St. Peter, Onoka, Morristown, Madison, Faribault, Alexander, Blue Earth City, LeSueur, Rochester, Northfield, Montevideo, Janesville, Plainview, Austin, and Owatonna.

The science department of the old and favorably known house of W. A. Olmsted, 182-184 Wabash Ave., Chicago, has finally outgrown itself. From a small beginning in 1884, the department has steadily grown, until now it is probably the best known in the west. The reason for this flattering record is found in the scrupulously honest methods employed, as well as the promptness and intelligence with which orders are filled. Feeling that his obligations to his growing clientele necessitated more attention than he could well allow from his school supply business, Mr. Olmsted conceived the idea of making an entirely separate concern of the scientific department, the result being the formation of the W. A. Olmsted Scientific Company, himself being the president, Mr. C. H. Arms, secretary, and Mr. W. J. Wilcox, treasurer. Mr. Arms, from his long connection with Mr. Olmsted, is known in the West wherever scientific apparatus is sold, the success of the old department being in a great measure due to his untiring efforts. Mr. Wilcox has for several years been the superintendent of the Franklin Educational Company of Boston, and has thus been thrown in direct contact with the manufacture of special laboratory apparatus designed to accompany the list of experiments recommended by the report of the Committee of Ten. To adequately meet the increased demands that are sure to be made upon them, the new company on the first of April moved into greatly improved quarters in the Andrews building, 215-221 Wabash avenue, where their manufacturing display, and their shipping facilities are unsurpassed. A revised edition of the already comprehensive catalogue is promised for the near future; new and improved apparatus is constantly being manufactured; and arrangements are being perfected for still further increasing their facilities for improving, duty free, apparatus and supplies needed in physical, chemical, and biological laboratories.

Tennessee. State Supt. Gilbreath has sent out the following instructions to school directors in the rural districts. 1. Do not purchase school apparatus, maps, charts, etc., from traveling agents or tramp canvassers. 2. Order all school supplies from or through your local dealers, or direct from the publishers. 3. All orders for supplies should be made by the board of directors in session, and not by the members of the board individually. Do not sign your name to any testimonial, recommendation, note, school warrant, or any other paper, at the solicitation of a stranger or chart agent. 5. When you purchase school supplies, be sure that the articles are actually needed, and know that your order is for the very things wanted.

Elizabeth, N. J. The board will pay census enumerators at rate of 4 cents per name.

Chariton, Ia. Four Rand, McNally & Co. Universal Atlases of the World were purchased.

A Boston editor suggests that a small flag be waved over the school house on ordinary days and a large one on holidays.

Meadville, Pa. Diplomas were purchased of Koerner & Hayes, Buffalo.

The Slatington-Bangor Slate Syndicate, and Joel Neff, of Slatington, Pa., who owned four-fifths of the stock made an assignment. The syndicate, if such it may be called, controlled the Blue Valley Slate Quarry near Slatington. The assets will fully cover the liabilities as far as the slate syndicate is concerned. James L. Foote will continue the business under the same style and name as heretofore.

Fort Worth, Tex. The board ordered nine sets of relief maps from the Central School Supply House, Chicago.

Indianapolis. County school census enumerators will receive \$2 per day.

The school board of the township in which the town of Luverne, Iowa, is situated, which was swept two years ago, has ordered cyclone caves to be built at each of the six school houses in the district. The plan is evidently a good one, and even if a storm does not strike that section they are confident of a shelter in case of another visitation.

Stockton, Cal. Board of education has decided to use stone jars for drinking water in all the schools.

Topeka, Kan. R. H. Allen, representing Rand, McNally & Co., explained maps which the board afterward purchased.

## SCHOOL FURNITURE.

Wabash, Ind. James Lynn, trustee of the Wabash Church and School Furniture Co., which collapsed last September, was removed from that position by Judge Biggs, who, in a sweeping decision, held that the assignment of the company's assets to him by Directors McNamee and Dougherty was illegal. The debts of the company amounted to \$80,000, and the estimated value of assets was \$140,000. Mr. Wilson, a heavy stockholder, in his complaint made grave charges of collusion against the directors and Mr. Lynn, asserting that the company was not seriously involved, and the move was made for the profit of the directors. The case was bitterly contested. Mr. Lynn as trustee, has disposed of much of the property, applying the proceeds on the debts.

The Chandler Adjustable Chair & Desk Co., of Boston, manufacture adjustable school furniture only.

Contract for seating new high school at Lead City, South Dakota, about 800 desks, was awarded to Thomas Kane & Co., Racine, Wis. They also report an order from the government for desks for the civil service room in the temporary postoffice at Chicago, also orders from Ames, Iowa, Mexico, Monterey, and St. Joseph, Mich.

New Britain, Conn. The East street school house is being equipped with the Bobrick desks and seats.

Hyde Park, Mass. It was voted to use the Bobrick furniture in all the new buildings except one room in the Hilton street school, where the Perry furniture will be used.

Norwell, Mass. Desks for the new school will be furnished by the Chandler adjustable Chair & Desk Co., of Boston.

Revere, Mass. Awarded the contract for furnishing the Winthrop Ave., the Walnut Ave., and the Bellows block school houses, to the Bobrick School Furniture Co., Boston.

Pittsburg, Pa. The U. S. School Furniture Co. furnished the school furniture.

Olean, N. Y. Award for school desks went to the U. S. School Furniture Co.

Baltimore, Md. Otway B. Zantinger, trading as J. W. Bond & Co., brought suit against the mayor and city council, claiming \$3,000 damages for their pay for a lot of chairs which Bond & Co. contracted to furnish for the new western high school. It is claimed by the school board that the chairs do not comply with the specifications.

The trustees of Lewis Institute have just awarded the contract to Thomas Kane & Co. for 300 special tables for the class rooms, and 700 opera chairs for the auditorium.

Creston, Ia. The magnificent new school building will be with furniture furnished by the U. S. School Furniture Co.

Long Island, N. Y. School desks will be supplied by the U. S. School Furniture Co.

Pembroke, Mass. The Chandler Adjustable Chair & Desk Co., of Boston, will furnish the seating.

Everett, Mass. School seating will be furnished by the Chandler Chair & Desk Co., of Boston.

Lowell, Mass. The new training school will be equipped by the Chandler Adjustable Chair & Desk Co., Boston.

Brooklyn, N. Y. A contract for school furniture was awarded to the Chandler Adjustable Chair & Desk Co., Boston.

Waterloo, Ia. After a heated contest in the board, it was finally decided to award the school desk contract to the U. S. School Furniture Co.

Waterbury, Conn. School furniture was supplied by the U. S. School Furniture Co.

Meridan, Conn. Schools will be equipped with the Chandler adjustable desk.

Danbury, Conn. Contract for new school desks and seats was awarded to the Chandler Adjustable Desk Co., Boston.

South Norwalk, Conn. New school will have the Chandler adjustable desks and seats.

Waterbury, Conn. The desk award went to the Chandler Adjustable Chair and Desk Co., Boston.

Plymouth, Mass. The school committee gave the preference to the Chandler adjustable desk.

Troy, N. Y. The U. S. School Furniture Co. was awarded the contract for school desks.

Seranton, Pa. The school desk letting went to the U. S. School Furniture Co.

Derry Depot, N. H. Is equipping its new building with the Bobrick desks and seats.

Knoxville, Tenn. Board selected desks manufactured by the U. S. School Furniture Co.

Aurora, Ill. School furniture has been ordered from the U. S. School Furniture Co.

Des Moines, Ia. School furniture was ordered from the U. S. School Furniture Co.

Alfred, Me. Awarded the contract for school furniture to the Bobrick School Furniture Co., of Boston.

Fort Wayne, Ind. The U. S. School Furniture Co. will furnish the school furniture.

Hammond, Ind. The contract for school desks went to the U. S. School Furniture Co.

Muscantine, Ia. Desks were ordered purchased from the U. S. School Furniture Co.

Reading, Pa. The contract for school furniture was awarded to the U. S. School Furniture Co.

Hingham, Mass. The Curtis school is being equipped with the Bobrick furniture.

Philadelphia, Pa. Board placed an order for school furniture with the U. S. School Furniture Co.

Manistee, Mich. The U. S. School Furniture Co. was awarded the contract for school desks.

Cambridge, Mass. The report of the committee on hygiene and physical culture to the school board, in reporting upon the matter of chairs and desks, says: "It was early appreciated by your committee, that the chairs and desks in many of the school rooms are not of a size suited to the children, and that in those rooms supplied with several sizes of desks, the teachers were not always careful to make the best allotment possible. At the beginning of this school year, a circular letter of instruction and suggestion was sent to all the teachers of the primary and grammar grades, with the request that they report the number of children that could not be properly seated according to the directions given in the circular. It transpires that after the teachers had made the best allotment of seats possible in their several rooms, seven hundred and eighty children were in chairs so high that they could not place their feet squarely on the floor without sliding forward; that about twelve hundred could not place the forearms on the desk without unduly raising the shoulders; and that at least one hundred had desks so low that they could not place their legs vertically under them. Under such conditions of discomfort, pupils cannot be expected to observe, nor teachers to enforce, the order and quiet necessary to the best work, and the tendency to deformity of the bodies of the pupils must be so strong as to be a matter for serious consideration. To obviate these difficulties several sizes of adjustable desks and chairs have been introduced where new furnishings were necessary, and a few low platforms and pieces of plank have been supplied as foot-rests; but the figures just given are of those still unprovided for, and it is earnestly hoped that an appropriation for the ensuing year may be made sufficiently liberal to enable reasonable improvements in this respect to be made."

Nantasket, Mass. The Damon school is being equipped with the Bobrick furniture.

Syracuse, N. Y. The special committee appointed by the Academy of Medicine to investigate the school desk question made a verbal report, urging the necessity of providing a properly adjusted seat for pupils, in fact go as far as to say that adjustable seats and desks are indispensable.

South Portland, Me. Is equipping its new school building with the Bobrick furniture.

Grand Rapids, Mich. The Haney School Furniture Co. began suit by summons in the circuit court yesterday against E. H. Stafford, placing damages at \$50,000. The case arises out of the business affairs of the furniture company, from which Mr. Stafford withdrew not long ago. It is in the nature of an accounting, the members of the company claiming that Stafford is, through the course of the business, indebted to the company in the sum of about \$3,000, and the latter claiming that their financial affairs are even.

Oak Park, Ill. The U. S. School Furniture Co. secured the contract.

Basie City, Va. The School Desk and Furniture Factory, built at a cost of \$70,000 during the boom period, has been purchased by Staunton, Va., business men, who will start up the plant.

Evanston, Ill. Contract for school furniture was let to the U. S. School Furniture Co.

Bloomington, Ill. The contract for desks for the new high school assembly room and for the Washington school was given to the United States Furniture Co. This company also secured the contract for putting in blackboards. It was decided to use the natural slate board instead of the combination.

## DIPLOMAS FOR EVERY KIND OF SCHOOL.

Nearly every kind of school nowadays, from a district free school to a university, gives to students who finish its course some form of diploma or certificate attesting that fact. A widely known establishment, in which a large force of trained artists busy their hands and brains from morning to night supplying this demand, is the Ames & Rollinson Company, New York, whose diploma product is enormous. We have had pleasure in examining their goods, of which a bewildering variety suited to all classes of schools is offered, and can testify to their high artistic excellence. Any school that spends as much as a dollar a year for diplomas, can procure the goods from them—in fact, that small sum would buy several handsome diplomas on a superior diploma-linen stock—sheep-skin in proportion.



# HEATING AND VENTILATION.

The Johnson System of temperature regulation has been contracted recently to be installed in the following new schools and colleges: Hyannis Normal School, Hyannis, Mass.; Public School No. 23, Buffalo, N. Y.; Public School No. 57, Buffalo, N. Y.; State Normal School, Fredonia, N. Y.; Veterinary College, Cornell University, Ithaca, N. Y.; Packard School, Chicago, Ill.; Hogue Avenue School, Chicago, Ill.; Natural Science Building, Columbus College, N. Y.; Physics Bldg., Columbus College, N. Y.; Phelps Memorial Hall, Yale College, New Haven; Twelfth Ward Grammar School, New York City; Public School, Pittsfield, Mass.

Menasha, Wis. The contract for the new high school was let to the Fuller & Warren Co.

A number of fine school buildings in course of erection in the East and West will be equipped with the Fuller Warren system.

Helena, Mont. The committee on ventilation and heating, in its report, which was adopted by the state board of education, recommended the adoption of some hot air system of heating, believing it to be preferable to steam or hot water.

Winona, Minn. A communication was received from the Sturtevant Heating Co., asking for the \$1,000 due on the contract for placing heating apparatus in the Lincoln school. Director Stirneman reported on the matter at length holding that the bill was not payable until the plant had been tested in weather twenty degrees below zero. The matter was passed.

Freeport, Ill. Contract for heating and ventilating new school was awarded to the Peck-Williamson Co. of Cincinnati.

Cleveland. The record of the fuel used in each school building is tabulated according to the number of rooms, and janitors who show the greatest economy are awarded prizes.

Evansville, Ind. The bidders were as follows: Baker & Smith Co., Chicago, \$3,584 for hot blast system, \$2,600 for gravity system steam heat. The American Blower Co., of Detroit, bid \$2,995 hot blast system. Foss & Noble, Chicago, bid \$3,500, hot blast system. James T. Foley offered to put in a system of the Buffalo Forge Co., for \$2,094, or indirect steam heat \$1,823. The bid of Saberton & Grant for hot blast system was \$3,389, and for the indirect \$2,312. The Grote Manufacturing Co. bid \$3,280 for the hot blast system.

The Peck-Williamson Co., of Cincinnati, has secured a large number of heating and ventilating contracts in all parts of the United States.

Prof. Warren S. Johnson, the inventor of the famous Johnson system of temperature regulation recently delivered a lecture at Milwaukee before a large audience, on "Heat Regulation." Models and diagrams were used in demonstrating the operation of the system.

Minneapolis, Minn. The investigation of the charges against the board for bribery, in which it was alleged the Sturtevant Heating Co. had offered to purchase members, resulted in exonerating the parties named. The committee reported that the evidence failed to show any improper conduct on the part of anybody.

## A SUMMER SCHOOL.

The Ginn & Co. summer school of music and drawing will be held at Evanston, Ill., July 6th to 18. The purpose of the school is to qualify teachers for successful specializing in these branches, as well as to enable regular teachers to make such preparation as will fit them to do excellent work in these lines. Special departments will be the model school, where the best methods of presentation will be practically illustrated, and the "round table" for discussion of subjects vital to good supervision.

The instruction will be given by successful, practical teachers, and there will be classes in out-door sketching, chorus work, sight-reading, voice and harmony.

Those interested in further particulars are invited to correspond with Ginn & Co., 355-361 Wabash Ave., Chicago.

# BOARDS OF EDUCATION.

(Continued from page 9.)

theory, should, at the very least, possess sufficient judgment to discover that he is not calculated for the duties of his office and retire, gracefully, to make room for a better man.

In this connection I wish to quote a paragraph from Professor Patrick. He says: "The schools belong to the people, school boards do not have either the legal or the moral right to temporize with the rights of children in the interests of individuals. The public school fund should not be used as a charity fund, for needy families. Personal sympathy should not influence official action. Schools have a much higher and holier mission than charity. Children are entitled to the best opportunities suggested by the law. The inalienable rights of the poorest child are as sacred as those of the wealthiest."

"A member of a school board should possess a clear head, and good judgment."

In most communities it is not possible to find men, or women either, for this office who have any special knowledge of methods or even of subjects. Neither would it be possible to secure juries composed of men with any special knowledge of the law. A jurymen, in the very nature of things, is not expected to have any legal learning, but on him rests the verdict—results. So too, in school matters. On boards of education rest the responsibility of making a success of the schools under their charge, whether it be in the sparsely settled country district or in the populous city. There is room, right here, for much fine spun, highly polished, nickel-plated, gold-mounted sentiment, but, when stripped of that useless verbiage which is usually employed to conceal the absence of thought, the subject, to me, is a simple one. It calls for the application of judgment, honesty and courage. These are the requisite virtues.

School boards usually have a much larger stock of "judgment" than "honesty." I do not refer to that kind of dishonesty which embezzles the funds of a district; but I do mean that variety which will invent excuses and complaints, and assert them as sufficient reasons for the removal of an efficient teacher to make room for some friend who can't hold her job on her merits, or which will continue a superintendent because he has a pull, or will dismiss one who acts on the theory that it is his business and duty to see to it that the children in the schools under his charge get proper instruction and rational treatment, and because he cannot be used as a sort of political fence. Do not tell me that these things apply only to villages, towns and cities. I have lived and taught in the country, and have seen the practical workings of things there. A school officer should have a good quality of honesty, ethical honesty, not dollars and cents honesty alone. But, if he must of necessity be dishonest, let him be a thief. It is safer. What does it signify if a district be robbed, now and then of a few dollars, in comparison to the robbery of children of their opportunities to properly fit themselves for the cares and enjoyments of life? The dollars are trash. The opportunities are that

which extend to eternity. Is it difficult to choose?

I am going to tell you something of a case which will give you a clear idea of the kind of dishonesty to which I have reference.

After the election of a principal for a certain school, he was given it strictly in charge that the prescribed course of study must be followed strictly, and discipline maintained, things that had not occurred in that particular school for many years. He asked if this matter had been fully considered, if the board was ready to properly support so heroic a course? If it was, there would be no difficulty in securing results. If it was not ready for what must of necessity follow such a course, he would surely pursue different tactics which would require more time to reach the desired end. The shortest method was the only one to be considered, he was informed. The case was a desperate one. The school was in a deplorable condition. The treatment must be heroic. It was heroic. What of the board? It took to the woods, and only ventured out occasionally to flatter and sympathize with the worst elements in the schools. As for results! You can guess. I need not tell you. The board insisted on dictating the policy. Then it lacked not only the courage, but the honesty of purpose to support that policy. This was a shining example of what a board of education should not be, and do. Yet, alas, this is the kind of stuff of which boards of education are too often made.

Besides the two virtues already mentioned, boards of education should have added a good stock of courage. "Courage!" The idea of boards of education possessing courage must be superlatively amusing. The average school board thinks its duty done when it has elected a teacher, or teachers, and a superintendent when one is required, and provided fuel, etc. The teacher must sustain herself. She must get along without causing the officers any trouble. If she cannot accomplish that feat, but one thing is to be done. That one other thing is to secure the services of another teacher, one that will not get the board into trouble with its constituents. That word "constituent" is a good one and must be used on every possible occasion by school officers and congressmen. Is there insubordination? That is of the least possible moment. Get along some way without causing the board any anxiety. That thought must not be entertained.

(To be continued.)

## WHERE ARE YOU GOING TO SPEND THE SUMMER?

Have you given the matter any thought? The farmers, the hotel keepers, and the West Shore Railroad have done it for you. New resorts have been established near New York and in the Catskill Mountains.

An elaborate illustrated book will soon be issued by the West Shore Railroad, giving a long list of summer homes and outing places. The work can be had free on application, or by sending six cents in stamps (for postage), to H. B. Jagoe, G. E. P. A., No. 363 Broadway, New York.

No great railroad in America offers the advantages for summer travel and enjoyment equal to the West Shore Railroad. Starting from New York (around which are clustered more pleasure resorts than any other city in the world) paralleling the grandest river on the continent, it traverses valleys celebrated in song and story; reaches many crystal lakes reposing like gems in their mountain settings; furnishes access by branches and connections to the magnificent forests of the Catskill and Adirondack Mountains, terminating at the world's wonder—Niagara Falls.

A bill is now pending before the Ohio Legislature to allow members of boards of education \$1.50 per day for each day's actual attendance at meetings.

Worcester, Mass., is one of the few cities where the school committee prohibits the employment of married women.

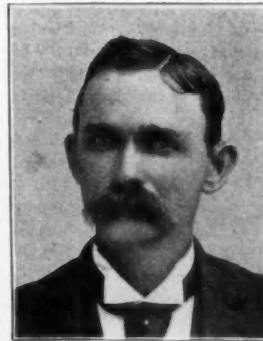
Examination papers in tablets and in ream packages. Commencement programs and diplomas. Write for samples and prices. AINSWORTH & CO., 112 Wabash Ave., Chicago, Ill.



A. H. DeHAY,  
County School Commissioner,  
Berkeley County, S. C.



E. J. SMITH,  
School Commissioner,  
Florence Co., Florence, S. C.



JOHN A. SHURLEY,  
County School Commissioner,  
Yorkville, S. C.



## BOOK REVIEWS.

**READINGS FROM THE BIBLE.** Editorial Committee: W. J. Onahan, J. H. Barrows, C. C. Bonney. Cloth; 192 pp. Price 30c. Scott, Foresman & Co., Chicago.

This book has been prepared under the supervision of the Chicago Woman's Educational Union. It contains 150 selections from the Bible for the use of schools, and to be read in unison. The selections have been made with the approval of leading representatives of all denominations—Catholic, Protestant, Jew, and Gentile. Educators, public officials, and newspapers have warmly commended the plan. The selections are somewhat graded. They are taken from all parts of the Bible—history, proverbs, prophecies, gospels, epistles. They include the simply-told stories of Joseph and of Ruth, and the sublimest passages from Job; the teachings of wisdom and patriotism, and the finest examples of Hebrew poetry. There is nothing that can be construed as sectarian. They are arranged in a charming, literary and poetic form, and intended to be used as a basis for inculcating the principles of pure morality. W. H. B.

**FIRST GREEK BOOK.** By Clarence W. Gleason, A. M., and Caroline Stone Atherton, A. M. With Introduction by Wm. C. Collar, A. M. Price \$1. Published by American Book Co., Chicago, New York, Cincinnati.

This is a neatly bound and attractive book. Students of the beautiful Greek tongue now have an easy and natural stepping-stone set before them in this book. It has not the almost unavoidable fault of sinning against excess of matter. Greek and Latin text-books, that are clear, simple, and concise in subject-matter are at a premium. It is admirable, therefore, how the author has so wisely avoided the faults against excess and meagerness and at the same time has said *multum in parvo*. While the aim has been to render the study of the Greek language easy and natural to the pupil, it is the ardent wish of the author to lessen the labors of the teacher. This book has been compared with some of the best texts used in the German Gymnasias, and it is found that while differing in bulk, they do not differ in breadth of thought. Professors and students will act wisely in ordering a copy for examination. F. L.

**FIRST COURSE IN FRENCH CONVERSATION.** By Charles Du Croquet. Publishers, William R. Jenkins, New York.

Each of the thirty-six lessons in this book contains one page of conversational sentences and vocabulary upon one subject; one page of select pieces of poetry, and one page of interesting stories. Grammatical forms, arranged after a clear, concise plan, and vocabularies supplement these lessons which seem well fitted to stimulate learners in speaking, as well as in pronouncing and translating a foreign language. C. H. L.

**LITTLE NATURE STUDIES FOR LITTLE PEOPLE.** From the Essays of John Burroughs. Vol. I. Edited by Mary E. Burt. Published by Ginn & Co., Boston.

This book is intended as a primary text-book in Science and Reading. It leads both the teacher and pupil to look upon the hill with tenderness and make dear friendships with streams and groves. The "Little Nature Studies" is in accord with the teachings of the most prominent educators of this land, who advocate the introduction of the sciences in the primary grades. It may also serve in teaching language lessons, spelling, science and literature, thus fulfilling to a great extent, the idea of the correlation of studies. F. L.

**DORFELD'S THOUGHT AND MEMORY.** By Herman T. Lukens, Ph. D. Published by D. C. Heath & Co., Boston. Price 90 cents.

Dr. Lukens has felt the pulse of the average teacher and finds that they need descriptive psychology more than metaphysical psychology. This book is based on the work of Dorfeld, and follows the teachings of the Harbartian school, but not blindly. In some points the author is radically opposed to this school, e. g., regarding the common origin of the two laws of memory. Its aim is to show that the interdependence of thought and memory exists not in theory only, but likewise in practice. It is not the product of a visionary, but grew out of round-table conferences with teachers. The author was aware of the T. tan-like strides made in the educational world the past fifty years, and has not ignored recent psychological work. Hence, teachers have in this work something substantial, savoring of the "old" and "new education." Its price places it within the reach of every up-to-date teacher. F. L.

**LE CHANT DU CYGNE.** By Georges Ohnet. Publishers, Maynard, Merrill & Co., New York.

The private and professional life of a Hungarian composer has been skillfully interwoven in "The Song of the Swan." A few distinctly drawn characters, a clear style, frequent conversations, a strong musical sentiment, make this short story both intense and dramatic.

A synopsis of a verb in its different forms, synopsis of important verbs, rules for the government of the infinitive, a key to French and English words that are similar, with notes, vocabulary, and grammatical references, form the aid given by the editor. C. H. L.

**COLERIDGE'S ANCIENT MARINER.** Edited by Katherine Lee Bates. Cloth; 72 pp. Price 25c. Leach, Shewell, & Sanborn, Boston, Chicago.

This poem has recently been added to the list of entrance requirements of New England colleges. This edition has been prepared to meet this requirement. It contains a biographical sketch of Coleridge. Some brief opinions of eminent writers who knew him, notes and questions to lead

to the careful and critical class-room study of this wonderful poem. The book is a number in the attractive students' series of English classics.

**IOWA AND THE NATION.** By George Chandler. Cloth; 354 pp. A. Flanagan, Chicago.

This is an attempt to present the subjects of state and national government in a single text-book, especially applicable to the state of Iowa. It begins with the township, continuing with the county, then the state, and then the general government. In each political division it names the officers, manner of election, duties, salaries, etc. Public institutions are mentioned, and much information, historical and general is given, though briefly. The book contains the constitution of the state, as well as that of the United States. It is a good, practical book.

**A BUNCH OF HERBS, and Other Papers.** By John Burroughs. Paper; 104 pp., 15c. Houghton, Mifflin & Co., Boston.

Number 92 in the Riverside Literature Series. It is a delightful little book; the author is full of his subject. He seems like a boy let loose in the fields and woods in spring-time, finding one flower and then another, talking to himself, apparently unconscious that anyone is listening. He writes, apparently not thinking or caring whether anyone will ever read what he is writing. There is not a weed in which he does not find something interesting. The paper on strawberries is as delicious as the berry itself. All his readers are with him as he goes around in the maple sugar bush. His descriptions are full of the freshness and animation of nature. We know of no better reading for boys and girls—and grown people too—in the spring-time than these papers. W. H. B.

**ROBINSON'S NEW HIGHER ARITHMETIC.** Cloth, leather back; 506 pp. Price \$1. American Book Co.

The series of arithmetics, of which this is the concluding book, has long been well known to the educational public. In this revision and re-writing the general plan of the former book has been retained. New matter, however, has been introduced. The practical examples are not all "made up" but many of them are taken from official records and represent actual conditions. Much attention has been given to the bookkeeping and commercial part of the work. The subject of measurements is presented very fully. The book is intended to meet the needs of advanced students in arithmetic in high schools, academies, and commercial colleges. Great pains have been taken to make it a very complete book. With clear statements and definitions, full analysis, and an abundance of examples of a practical character. W. H. B.

**LIFE AND STRANGE ADVENTURES OF ROBINSON CRUSOE, OF YORK, MARINER.** By Daniel Defoe. The Riverside Literature Series, quadruple number. Published by Houghton, Mifflin & Co., Boston. Price 60 cents.

This work will live as long as man is fond of travel and adventure. All comment would be idle. It only remains to be said that the publishers deserve credit for producing so desirable a book at so reasonable a cost. It is well bound, neat typographically, and contains nearly 400 pages.

**THE WOMAN'S MANUAL OF PARLIAMENTARY LAW.** By Harrietta R. Shattuck. Publishers, Lee & Shepard, Boston.

The sixth edition of this work, revised and enlarged, has made its appearance. While it can be used by anyone, it is more especially addressed to women, and makes a most complete and serviceable manual. The language is lucid and the book is free from all complicated sentences and technical terms.

**A CHORD FROM A VIOLIN, A Story** by Winifred Agnes Haldane. Published by Laird & Lee, Chicago.

A new and compact little volume, gilt edged and cloth bound, contains a well written, well plotted story, interesting, thoughtful, and pathetic. The reader will feel profited and strengthened, and will feel grateful to the author for a good piece of work.

**HARPER'S SCHOOL SPEAKER.** By James Baldwin, Ph. D. Three volumes. Cloth; 240 pp. each. Harper & Brothers, New York and Chicago.

A very choice selection of pieces in poetry and prose. The first book is in two parts. Part I is made up of selections for Arbor Day, poems on spring, the trees and the flowers, with programmes of exercises for the schools. Part II contains elegant extracts in prose, and the most stirring poems in the language, prompted by great needs and great events in our history. Such pieces have a wonderful influence on the young, awakening an interest in history, and teaching lessons of patriotism. It has historical ballads that quickened the mind of the young boy, Garfield.

The second book is made up of graded selections, adapted to the needs of all classes, from the primary up to advanced pupils.

The third is a book of miscellaneous selections, with suggestive programmes of exercises suitable for a variety of occasions. The selections are fresh and varied in character. The three books are well gotten up and make a valuable little library for any school. W. H. B.

**ELEMENTS OF EXPRESSION.** By Revs. Williams and Sullivan, O. S. B., St. Benedict's College, Atchison, Kan. Price \$1.

The "Elements" is a neat and attractive volume, advocating a system greatly misunderstood by many admirers of the great Delsarte. As we are aware, the Delsarte system has fallen into the hands of a number of inexperienced teachers who profess to teach this system, but who indeed are none other than physical culturists. It is the aim of the authors of this book to interpret and apply the principles laid down by the great French philosopher of expression.

Years of practical experience in the class-room have well fitted its authors to take a bold stand in the defense of a neglected study—eloquence. An admirable feature of this book is the numerous choice selections culled from the literary garden of some of our greatest writers, whose works have only too often received very little notice at our hands. Such names as Newman, Ryan, Faber, Dougherty, and a host of others add strength to the book. That it has a noble mission to perform no one will deny, and the writer confidently and heartily wishes it could be in the hands of everyone who desires a thorough course in the art of expression. F. L.

## BOOKS RECEIVED.

Lee's Pocket Encyclopedia Britannica, Compiled by a Corps of University Men. Published by Laird & Lee, Chicago. Price \$1.

The Study of Light and Shade in Public Schools. By Harriet L. Rice. Published by the Praeger Educational Co., Boston.

Readings for the Bible, selected for schools and to be read in unison, under supervision of the Chicago Woman's Educational Union. Publishers, Scott, Foresman & Co., Chicago.

Picture Book for Teachers and Mothers. By Walter L. Hervey, Ph. D. Publishers, Flood & Vincent, Meadville, Pa.

A Complete Manual of the Pitman System of Phonography. By Norman P. Hedley. Published by the American Book Co., New York City. Price \$1.25.

Concrete Geometry for Beginners. By A. R. Hornbrook, A. M. Published by the American Book Co., New York City. Price 75c.

Ocean Rovers. By Wm. H. Thomas. Published by Laird & Lee, Chicago.

Pecheur D'Islande. By Pierre Loti, with explanatory notes by C. Fontaine, B. L., L. D. Published by Wm. R. Jenkins, New York City. Price 60c.

Riverside Literature Series, Nos. 89 and 90, Jonathan Swift's Gulliver's Travels, the Voyages to Lilliput and Brobdingnag. Published by Houghton, Mifflin & Co., Boston, Mass. Price 40c.

Nathaniel Hawthorne's House of the Seven Gables. Published by Houghton, Mifflin & Co., Boston. Price 60c.

Immense. By Theodore Storm. Edited with notes and a vocabulary. Published by Maynard, Merrill & Co., New York City.

The Plutus of Aristophanes, with notes in Greek, based on the schools, edited by Frank W. Nicolson, A. M. Published by Ginn & Co., Boston. Price 90c.

A Bunch of Herbs, and other papers. By John Burroughs. Published by Houghton, Mifflin & Co., Boston. Price 15c.

School Recreations and Amusements. By Chas. W. Mann, A. M. Published by American Book Co., New York City. Price \$1.

Revolt of the Tartars, or Flight of the Kalmuck Kahn. By Thomas De Quincy. Published by the American Book Co., New York City.

Five Minute Object Sermons to Children, Through Eye-Gate and Ear-Gate into the City of Child-Soul. By Sylvanus Stall, D. D. Published by Funk & Wagnall's Co., New York City. Price \$1.

The Lives of Cornelius Nepos, with notes, exercises and vocabulary. By Thomas B. Lindsay, Ph. D. Published by the American Book Co., Chicago. Price \$1.

Hoher Als Die Kirche Von Wilhelmine Vonbilleren. By F. A. Dauer. Published by the American Book Co., Chicago. Price 25c.

The Lives of Cornelius Nepos Text Edition. By T. B. Lindsay, Ph. D. Published by the American Book Co., Chicago. Price 40c.

Methods in Primary Reading, with sound chart. By Sara A. Saunders. Published by Educational Gazette Co., Rochester, N. Y.

Ellsworth's New Reversible copy books, three numbers. Published by the Werner Co., Akron, O.

A Primary Reader. Old-Time Stories, Fairy Tales and Myths Retold by Children. By E. Louise Smythe. Published by the Werner Co., Chicago.

Shakespeare's A Midsummer Night's Dream, As You Like It, and Merchant of Venice, with introductions by Barrett Wendell, and notes by Wm. Lyon Phelps. Published by Longman's, Green & Co., New York City. Price 60c each.

A Woman of Sense and a Hair-Powder Plot. By Alfred Hennequin, Ph. D. Published by Wm. R. Jenkins, New York. Price 40c.

## REPORTS RECEIVED.

Annual Report of the School Committee of the City of Bedford, for 1895. Published by the Mercury Publishing Co., New Bedford, Mass.

Janesville Schools—Annual report of board of education of the City of Janesville for the school year ending June, 1895. Published by Board of education, Janesville, Wis.

## MAGAZINES RECEIVED.

The Arena for April. Published by the Arena Publishing Co., Boston. Price 25c.

Lippincott's Magazine for April. Published by J. B. Lippincott & Co., Philadelphia. Price 25c.

McClure's Magazine for April. Published by S. S. McClure, New York City. Price 10c.

Bulletin of the New York State Museum, Vol. 3, No. 14. Published by the University of the State of New York, Albany, N. Y. Price 10c.

The Monthly Illustrator and Home and Country for April. Published by the Monthly Illustrator Publishing Co., New York City. Price 20 cents.

The North American Review for April. Published in New York. Price 50c.

The Century for May. Published by the Century Publishing Co., New York. Price 35c.

Harper's Magazine for May. Published by Harper & Bros., New York. Price 35c.

The Forum for May. Published by the Forum Publishing Co., New York. Price 25c.

Review of Reviews for May. Published by the Review of Reviews Publishing Co., New York. Price 25c.

Scribner's Magazine for May. Published by Chas. Scribner's Sons, New York. Price 25c.



EMMET BELKNAP,  
Supt. Schools,  
Lockport, N. Y.



NEW INVENTIONS.

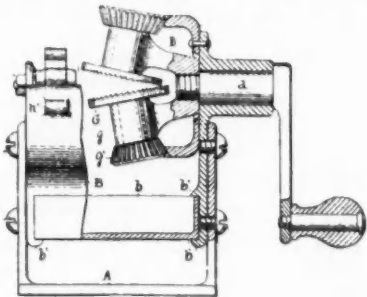
ADJUSTABLE SCHOOL DESK AND SEAT. Warren L. Starkey, Paterson, N. J.

An adjustable desk and seat combined, consisting of two sets of legs or standards, of the desk proper vertically adjustable on said standards, a back to said desk, a seat adjustably arranged on said standards and movable at an acute angle to the desk, a back, forming part of the seat, being independent of the back of the desk and the means for adjusting the desk and seat independently of each other.

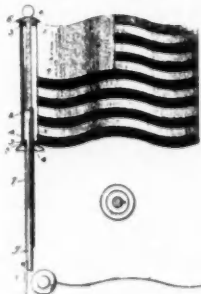
ASTRONOMICAL CHART. Levi W. Yaggy, Lake Forest, Ill.

In an astronomical chart, the frame A, provided with a circular opening, and with the openings, D and E; the transparent plate, B, pivoted to rotate about twenty-three degrees each side of its equinoctial position, and printed with a representation of one hemisphere of the earth, so disposed as to show through the circular opening, and with words descriptive of the seasons so disposed as to appear at appropriate intervals through the openings, D and E, as the plate, B, is rotated; and a representation of the sun, so placed as to be opposite the equator of the hemisphere when the same is in its equinoctial position.

PENCIL-SHARPENING MACHINE. George F. Ballou, New York, N. Y., assignor to the A. B. Dick Co., Chicago, Ill.



In a pencil-sharpening machine, the combination, with two rotary cutters or grinders adapted to work on opposite sides of a pencil, of a yoke having bearings for the spindles of said cutters or grinders, gear-wheels on said spindles engaging with a stationary gear, a spindle upon which the yoke is mounted, and a crank for rotating said spindle, whereby a planetary motion of the cutters or grinders is produced, and a guide for the pencil.

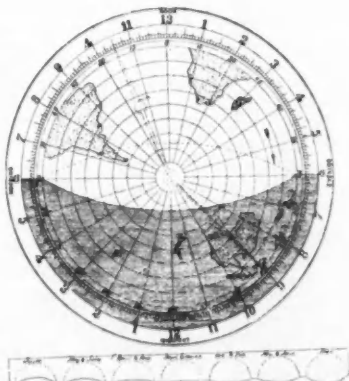


FLAGSTAFF. Milton S. Cabell, Quincy, Ill.

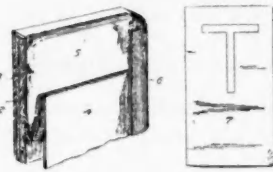
A flag consisting of the metallic or like body, a staff, a sleeve about the staff, the collars, 3, 3, on the interior of the sleeve, the collars, 4, 4, arranged to slide vertically on the staff, the ball-bearings between the collars, and means for raising and lowering the flag, said means being connected to the lowermost inner collar.

GEOGRAPHICAL CLOCK DIAL. David W. Thompson, Englewood, Ill.

The combination with a circumpolar map made revolvable about a central axis; of a series of movable material, representations of the shadowed portion of the earth's surface applied to one-half of said map, and made in the form of a continuous strip having along its edge different shapes corresponding to and indicating the different phases of the earth's shadow, and means for sustaining the same.



EDUCATIONAL CHART. Sarah L. Blaisdell, Winona, Minn.



In an educational chart, the combination with the series of sections the textile strip secured to the back thereof and hinging them to each other, the piece of textile of fibrous material secured to the front thereof formed with a number of horizontal crimps, the lining of rough textile material on the inner faces of the crimps and the corner-pieces secured to the front and back of the sections.

COMPUTING INSTRUMENT. Joseph Michaelson, New Brighton, Pennsylvania.

In logarithmic computers, a scale subdivided into parts, two radial rotating arms pivoted to said scale, a slide upon each arm and clamp connections between said slides whereby when clamped a radial movement of one slide produces a radial movement of the other.

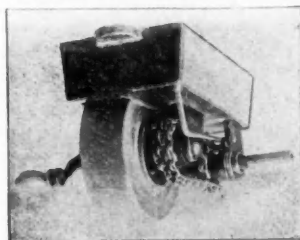
PENCIL-SHARPENER AND POINT-GUARD. Joseph Kraker, San Francisco, Cal., assignor to C. J. Wagner, same place.

A pencil-sharpener consisting of a sheet-steel blank bent to form an elongated cone at one end and a cylindrical base at the opposite end, the apex of the cone being cut diagonally, and one side having an open slot formed therein, the base of said slot being intersected by a transverse cut made between the base and cylindrical portion whereby the edge of the slot may be slightly bent inward to form a cutter, screw-threads formed in the interior of the cylindrical portion of such diameter as to engage the exterior surface of the pencil to hold the device thereon and cause it to advance longitudinally when turned upon the pencil, and exterior annular milled edges or rings struck up in the cylindrical portion to form a hold by which the device may be turned upon the pencil.

THE "PEERLESS" PENCIL SHARPENER.

This pencil sharpener has attractive attention, owing to its simplicity of construction and the readiness and neatness with which it performs its functions. It is a cleanly device, durable, and will make a dull or fine point on a lead or slate pencil as may be desired.

It can be operated without soiling the hands in the least, being constructed to grind wood and lead from the under side, depositing the refuse in a drawer provided for that purpose.



The cutting wheel is a hand-made steel file, drop forged and case hardened, and presents a surface which will withstand for an indefinite time, any wear put upon it. The file is so cut that the pressure when sharpening is evenly distributed, and it is almost impossible to break a point.

A sharpener for school and office use to do perfect work has long been in demand; it is asserted that this simple little machine will fill this want. In the few weeks since it has been in the market it has become so popular in Chicago that nearly all of the stationers are carrying and selling it, and say that it gives satisfaction. There is undoubtedly a phenomenal sale in store for this little machine.

O. Lyon, of Rochester, Minn., the manufacturer of blackboards on walls, with paper face, has secured contracts at Northfield and Rochester. The blackboarding has a dark greenish color and is said to be durable and practical. Mr. Lyon looks after the Northwest only.

SALARIES.

Somerville, Mass. The maximum salary of the submaster of the high school was increased from \$1650 to \$1700 and the maximum salary of kindergartners was increased from \$500 to \$600.

Danvers, Mass. It was voted to increase the pay of the teachers below the ninth grade as follows: Maximum \$450; inexperienced \$300, increasing \$50 yearly until maximum is reached; normal graduates to begin with \$350.

Salt Lake City, Utah. Supervisor of penmanship \$900 for the next school year.

Salt Lake City, Utah. Board fixed the maximum salary for grade teachers at \$70, and the minimum at \$40, per month, and provided that the salary of any teacher may be reduced for inefficient service, and that no teacher be paid more than \$50 per month except for merit. The maximum salary for teachers of the high school was fixed at \$100 and the minimum at \$70 per month.

Philadelphia, Pa. Board of education adopted a resolution requesting the city council to repeal the provision in the appropriation ordinance to the board of education, requiring that the salaries of all School of Pedagogy graduates elected to positions this year shall not exceed the salaries paid to women teachers holding similar positions.

The Chicago board of education has unofficially agreed to cut the salary of every employe of the board, janitors, engineers, grade teachers, high school teachers and special teachers, five per cent. for the year 1897.

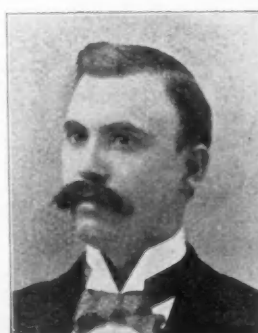
London women school teachers are agitated over a proposal to raise the salaries of schoolmasters, but which says nothing of school mistresses. The highest salary paid to men is \$1,100 and to women \$750, although their work and responsibility are equal.

Buffalo, N. Y. Supt. Emerson has renewed his application to have the salaries of all school principals definitely fixed by ordinance. About one tenth of these salaries were not so fixed. The room basis of estimating salaries was not deemed satisfactory because in buildings of more modern construction the rooms were of larger size. As a better basis he recommended to take the average attendance as follows: Over 2,000, \$1,900; over 1,500, \$1,800; over 1,000, \$1,700; over 500, \$1,600; over 400, \$1,500; over 350, \$1,400; over 300, \$1,300; over 250, \$1,200; over 200, \$1,100; over 150, \$1,000; over 100, \$900; under 100, \$800.

Detroit. The city council cut the teachers salary budget \$50,000.

SCHOOL BOOKS "TO BURN."

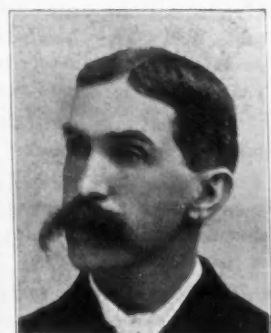
The expression sounds slangy, but finds application with many school officials, superintendents, principals, and teachers, who have an accumulation of old school books which they would like to convert into cash or exchange for new and more desirable books. The conveniences and desires are so fully met through the various business lines that even old school books find a market for those who wish to get rid of them. Some educators could, undoubtedly, get enough for their old books to pay for a summer vacation trip. The C. M. Barnes Co., 112 Wabash avenue, Chicago, make a specialty of buying old books for cash and making exchanges. Write them and tell them what you have.



W. I. VAWTER,  
Pres. Board of Education,  
Medford, Ore.



W. H. PARKER,  
Member Board of Education,  
Medford, Ore.



Dr. E. P. GEARY,  
Member School Board,  
Medford, Ore.



## THE PUN DID IT.

Some years ago, during a book contest in New Hampshire, it so happened that two agents named Owen appeared on the scene. Both represented Boston houses, but they had never met each other. When the fact became known among the book men who had gathered at the small hotel it did not take long to effect an introduction.

"Mr. Owen, let me introduce you to Mr. Owen," said one of them, and a pleasant chat followed.

Among the book men was Bookins, a sort of wag who had witnessed the introduction. "By the way, gentlemen," said he, "did you ever hear of a Mr. Owenmore?"

"No, who is he?"

"Why he is the fellow who went away owing more than he did when he first came, and owing still more when he came back."

One of the Owens laughed, the other began to look thoughtful. Bookins could not account for this, but finally concluded that where there was a similarity of names there must be a dissimilarity of men. But the explanation came.

One day, while in Boston, Bookins told the story to the manager of his house. The latter was greatly interested, and said:

"Why, didn't you know that Owen owed me thirty dollars for these last ten months? He paid it yesterday. Your ghastly pun evidently brought him to time."

## BIRCHARD ORDERED CRABS.

The New York agents got off a good one on C. C. Birchard, of the American Book Co., a few years ago. Birchard was then with Ginn & Co., and had gone East for a little recreation after a successful book contest in a Western city. He was still elated over the results, and in consequence invited six of the boys to have some Appolinaris with him. The agents reluctantly accepted, and while seated around the watery table Birchard suggested a little lunch. One agent thought that oyster crabs might do. The waiter acquiesced. The rest demurred, as they didn't want to put Birchard to any expense. The latter, when the crabs were set out before the gathering, concluded that the measly little things were cheap food. He had never eaten them before and concluded that the crowd was extremely modest and that the bill would prove ridiculously small. He therefore ordered a second round.

The agents gave one another knowing glances, and awaited the moment when Birchard should receive his check from the waiter. At last, after fourteen dozen oyster crabs had traveled down the throats of seven book men, the colored attendant respectfully handed his slip to Birchard. He glanced carelessly over the bill, and then his handsome face evolved about fourteen different complexions in consecutive order.

"Waiter," said he, "haven't you made a slight mistake?"

"No, sah," was the reply; "fourteen dozen crabs at \$1.50 per dozen, and the Appolinaris makes it just \$27.50."

The agents looked sympathetic. Birchard saw the point. He submitted gracefully, at once re-assuming his hospitable manner. But later he remarked to an intimate friend that henceforth in

his travels through the wooley West he would remember the price of oyster crabs.

## AMONG PUBLISHERS AND AGENTS.

F. H. Blondel, agent for Leach, Shewell & Sanborn, Chicago, lies at his home in Minneapolis dangerously ill.

Miss Ella Corwin, Coldwater, Mich., has accepted a position in the Chicago office of Harper & Brothers, W. S. Russell, manager.

Evanston, Ill. Mr. T. P. Ballard, of Ginn & Co., has presented the board of education with a beautiful etching of Gilbert Stuart's famous portrait of Washington.

Mr. Smith, the American Book Co's agent, in Minnesota is so intensely bald-headed that he never sits for a picture without keeping on his hat.

Wm. S. Mack, western manager of the Prang Educational Co., spent several days last month at Detroit.

A. Lovell & Co., and F. F. Ainsworth, removed from 521 Wabash Ave., to 112 Wabash Ave., where they have larger and more commodious quarters.

J. D. Engle, the manager of the Fisk Teachers' Agency for the Northwest, with offices at the Century building, Minneapolis, attended the convention of the Associated School Boards of Minnesota, held at Northfield.

W. R. Barnes is the treasurer of the C. M. Barnes Co., of Chicago. He is in more immediate charge of the stationery and miscellaneous department, but he also devotes considerable time to the book department.

Col. Chas. M. Johnson, the genial representative of Silver, Burdett & Co., stationed at their Philadelphia barracks, is an old time editorial writer. His pen corrodes at times, being busy in the school book field, but the mood overtakes him occasionally and when time permits, he produces something worth reading. The SCHOOL BOARD JOURNAL will publish some of his things "in a lighter vein" in the next number.

A Boston book man writes: "You have made a great success of the School Board Journal, which is a matter of comment on the part of our best critics, and is more than worthy of the congratulations of an humble school book agent." Thanks.

Col. John A. M. Passmore, who has been spending the past month among the lilies of Bermuda, returned to his home in Philadelphia on the

7th inst. His many friends greeted him warmly upon his return and were pleased to know that his health had greatly improved during his vacation.

There were no school book men at the Minnesota convention of Associated School Boards. Geo. B. Chandler, of Ginn & Co., and Mr. Smith, of the American Book Co., were in the vicinity, but native modesty and the pink essence of tact prevented their attendance at the meetings. Both are clever men, energetic and successful.

The true inwardness of the office cat episode at Jacksonville, which ruffled our fur the wrong way, is gradually coming to light. As already stated in our former issue some evil-disposed and heartless book man sent us a cartoon showing a big cat carrying in its jaws the remains of what was supposed to have been the editor of this journal, and labeled, "Bruce going home with the office cat." This unfeeling and unchristian thrust at our dignity has stirred dire revenge in our manly bosom. The following cablegram is from Lucien LaTaste, of Montgomery, Ala.:

MY DEAR BRUCE:—Dawson has called my attention to the fact that you are very much "cut up" about the public having gotten wind of how you got the office cat home, and he has shown me a reference to the incident in a recent number of the AMERICAN SCHOOL BOARD JOURNAL. I'm sorry about this, but you should have kept your grip locked. The merest tyro would have known that to release an office cat in Florida meant to invite trouble, and the only surprise to me is that you were not taken back by the cat, in a condition of stiffness instead of a limp state, as I hear you were.

I am authorized, by the party who sent you the cut, to say that the motive for cutting out the engraving and sending it to you was to suppress the matter to the extent of that paper. He would have bought up the entire edition but after paying for sundry purchases of fruit juice, at the Windsor, he had but ten cents left; five cents of this he spent for a copy of the paper, from which the cut was taken, and the other "nick" he invested in a car fare from the hotel to the depot. He has asked me to say, too, that he marked the envelope "somewhat personal" lest the "devil" came in possession of the information as to your home taking.

Now that a clew has been found, we will not rest until the perpetrator of the cat outrage has been found. The cut is reproduced above.

Columbia, Tenn.—The article which appeared in the April issue of the School Board Journal regarding Mr. E. E. Smith, General Southern Agent for D. C. Heath & Co., will do Mr. Smith an injustice unless further information regarding the matter is given. The statement that Mr. Smith preferred charges against Supt Bostick, before hearing the charges, published letters from Mr. Bostick containing improper proposals, and showing improper interests in school book adoptions, thereby endeavoring to prejudice the case, is incomplete. Mr. Smith published what he regarded as conclusive proof of wrongful practices, and letters of Mr. Bostick, in which Mr. Bostick charged a publishing house with exerting improper influences, and then had the manliness to prefer charges before Mr. Bostick's board, and give him an opportunity for defense. When the case came before the board

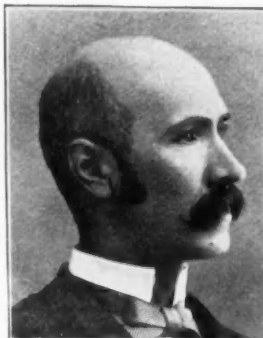
Mr. Smith was refused the privilege of a stenographer unless he furnished the board copies of the notes at his (Smith's) expense. Mr. Smith, it seems, had learned of the intention to carry the matter into the courts any way, so he declined to present his evidence. The board went on with the case, heard Mr. Bostick's evidence only, and on but one charge, and acquitted him on the evidence presented. The matter now goes into the courts for trial with witnesses under judicial oath.



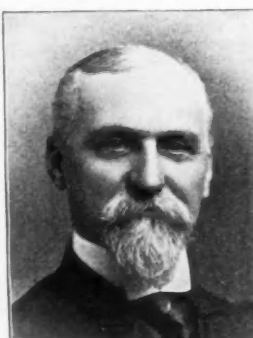
The owner taking home his cat.



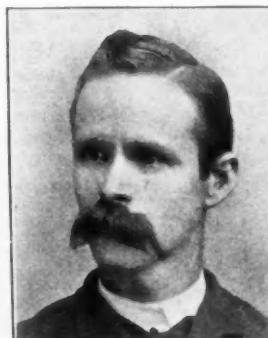
JOHN S. CLARKE,  
Treas. Prang Ed. Co.,  
Boston, Mass.



G. K. LYONS,  
Agt. American Book Co.,  
Toledo, O.



DAN. VAN WINKLE, Agt.  
Leach, Shewell & Sanborn,  
New York.



A. J. WILKINSON,  
Agt. American Book Co.,  
Grafton, W. Va.



## RELIEF MAPS AT WASHINGTON.



AT THE OFFICE OF WM. T. HARRIS, U. S. COMMISSIONER OF EDUCATION.

One of the most eminent authorities of this country and Europe pronounced our Politico Relief Maps one of the marvels of the Nineteenth Century. They have deservedly merited that distinction, and the recognition given them by hundreds of educators and school boards, has demonstrated their importance as a factor in education.

The modern school is incomplete without a set of these maps. They supersede all flat maps and geographical apparatus.

### THE FOLLOWING TESTIMONIAL is one out of hundreds of similar ones:

COLUMBIAN UNIVERSITY, Washington, D. C.

I am pleased to state that I have examined carefully the Relief Maps published by the Central School Supply House, and find in them many features that make them of incalculable value in teaching Geography.

In my professional work I have been obliged to travel very extensively, and in no trip have I not realized what an imperfect knowledge our School Geographies give of the character of the country. If, however, such accurate Relief Maps had been at my disposal earlier in life, I am sure the face of the country would not be so strangely new to me.

Surely the teaching of Geography can now be made interesting and the study of it profitable.

J. H. GORE, B. S., PH. D.,

Prof. of Geodesy, Col. University.

Sometime Topographer U. S. Geological Survey.

Sometime Civilian Expert U. S. Coast and Geodetic Survey.

Chairman of Jury on Instruments of Precision, World's Fair.

Commissioner General of the United States to the International Exposition at Antwerp.

Author of

Elements of Geodesy (now in its third edition).

Bibliography of Geodesy, History of Geodesy, etc.

Write for illustrated circulars and full particulars, and for complete catalogue giving prices on everything used in a school room.

## CENTRAL SCHOOL SUPPLY HOUSE, CHICAGO, ILL.

### SCHOOL BOARD ITEMS.

Visale, Cal. At a recent school election one of the political parties inserted the following in its platform: We pledge and promise that the members of the board of education will conduct our public schools free from all religious, sectarian, or political influences of any kind or nature.

Baltimore. The recent adoption by the commissioners of a resolution to do away with the annual election of teachers and gradually bring them under a merit system will, in time, remedy many of the evils which have existed in the school system for years. There are however, it is held, at present many glaring instances of inefficiency on the part of teachers, due to old age and long continuance in the service, which is hampering the board.

Philadelphia. A. M. Spangler, of the board of public education, introduced a resolution looking

toward a revision of the course of study, stating as his reason, that it was overcrowded with ornamental studies, while the rudiments are sadly neglected.

Montclair, N. J. The members of the board of education, and their wives, tendered a reception to the teachers of the public schools.

Dayton, O. The board has refused to grant permission to photographers to take pictures in or about the schools.

The city of East St. Louis, Illinois, is divided into three school districts, each about one half a mile in width, and from two to three miles in length. District No. 1 lying on the river front, has a taxable property of two million six hundred thousand dollars, and about one hundred school children. District No. 2, lying through the central portion of the city, has a taxable property of two million two hundred thousand dollars, and three

thousand school children, while District No. 3 has property to the amount of eight hundred thousand dollars, and six hundred school children. An effort is being made to unite them all into one district.

A complete and conveniently arranged edition of Shakespeare has become a necessity, not only in every library, but in every household where the requirements of intelligence and culture are to be provided for. Such an edition has been issued by the Keystone Publishing Company, and, by a marvel of economic management, it has been put before the public temporarily for the holiday trade at an exceedingly low price. The publication is handsomely and worthily made in eight convenient volumes, including the sonnets and poems. The paper is fine and strong, the page large and fair, the type clear, and the imprint all that could be desired. The text is edited by J. Payne Collier, F. S. A., one of the most widely known of Shakespearean scholars, and is accompanied by full explanations and comments in foot-notes. The volumes are well and artistically bound, and the contents of each are lettered on the back in gold. A thoroughly satisfactory edition of Shakespeare, fine enough and elegant enough to satisfy good taste and not yet too fine for everyday use.

# NOW READY!

## The Natural System of Vertical Writing.

The letters are not merely the old slant letters straightened up, but are genuine vertical script. The form of letters has been modified and greatly simplified.

If you are interested in vertical writing and wish a system that is hygienically and pedagogically correct, send us your name and address.

**D. C. HEATH & CO., 355 Wabash Ave., Chicago.**

## NEW SCHOOL HOUSES.

Little Rock, Ark. Bids have been asked for the erection of a new school building.

Visalia, Cal. A new school is to be built.

New Haven, Conn. Architects Brown & Berger, 87 Church street, have prepared plans for a school house for the town of East Haven.

New Haven, Conn. Fifteen thousand dollars have been appropriated for alterations to the Eaton school.

Hartford, Conn. Bids for the erection of a new school house have been asked. Write E. W. Dewey.

Atlanta, Ga. Architects Golucke & Stewart are preparing plans for a brick addition to the academy at La Grange, Ga., to cost \$15,000.

Washington, Ga. Bonds are to be voted for the erection of a new school.

East St. Louis, Ill. A new school building is to be erected on the corner of Illinois and Cottage Grove avenues.

Chicago, Ill. The board of education will soon let contracts for the erection of two school buildings.

Pekin, Ill. An election has been called for the purpose of issuing \$43,000 bonds for a public school building.

Chicago, Ill. Regarding the erection of school buildings address John A. Guilford, business manager of the board of education, room 1110 Schiller building.

Kankakee, Ill. The building of a new school house is proposed.

Rockford, Ill. Plans for the building of a new school have been prepared.

Westport, Ind. A new school is to be built.

Wabash, Ind. The high school is to be rebuilt.

South Bend, Ind. An addition is to be built to the Linden school.

North Judson, Ind. It has been agreed to bond the town for a \$5,000 school house.

Michigan City, Ind. Plans of Architect F. S. Allen, of Joliet, Ill., for the new ward school building, have been accepted.

Indianapolis, Ind. The school commissioners have ordered Vonnegut & Bohn to submit plans for a sixteen-room school building, and also for a four-room addition to school No. 4.

Huntington, Ind. Architect A. D. Mohler is preparing plans for a college building to be erected in this city this season.

Liberty Centre, Ind. A new school house is to be erected. Architect Cuno Kibelo, of Bluffton, Ind., is preparing plans.

Anderson, Ind. The North Anderson school house is to be remodeled.

Michigan City, Ind. Board has asked for bids for the construction of a high school building.

Dubuque, Ia. A new school building is to be erected.

Lourdes, Ia. Bids have been asked for the erection of a new school house.

Mount Airy, Ia. Bids have been asked for the erection of a new school.

Des Moines, Ia. Architects W. R. Parson & Son Co., prepared plans for a two-story, 50x64 feet school building at Ossian.

Afton, Ia. A new school is to be erected.

Council Bluffs, Ia. Addition to school house. Write T. C. Dawson, secretary.

Monmouth, Ia. School house. Address Samuel Henderson.

Rockwell, Ia. Bids will be received by Fred B. Norton for the erection of a new school house.

Swaledale, Ia. Secretary W. V. Craper invites bids for the erection of a school house.

Greene, Ia. A new school is to be erected. Write A. Y. Triumbe, secretary.

Kozta, Ia. Write C. H. Dodd about a new school to be erected there.

Alden, Ia. An addition is to be made to the school. Cost \$5,000.

Muscataine, Ia. A new high school is to be built. Plans are being prepared.

Cylinder, Ia. Bids have been asked for the erection of a new school building.

Spencer, Ia. A new school building is to be erected.

Oskaloosa, Ia. It is reported that this city will issue \$25,000 of bonds for the purpose of erecting a new high school building.

Mechanicsville, Ia. Bids have been asked for the erection of a new school house in District No. 5.

Middesborough, Ky. The new school board has ordered the building of an \$18,000 school house.

Augusta, Ky. An election is to be held to vote bonds for the erection of a new school building.

Louisville, Ky. Additions are to be made to two colored schools.

Beattyville, Ky. Bids have been asked for the building of a new school house.

New Orleans, La. Two school buildings are to be erected. Write Chas. R. Kennedy, comptroller.

Lowell, Mass. The city has accepted Architects Stickney & Austin's plans for the new twelve-room school house, to replace the old Bartlett school.

Fairhaven, Mass. A new \$15,000 school house is to be constructed.

Wilmington, Mass. Bids for the erection of a new school have been asked.

Natick, Mass. At a town meeting it was voted to spend \$7,500 for an addition to the high school building.

Sauk Rapids, Mich. A new school house is to be erected after plans by Orff & Joralemon, of Minneapolis.

Two Harbors, Minn. Plans for the erection of an \$8,000

school house are being prepared.

Howard Lake, Minn. A new school house is in course of erection.

Lamberton, Minn. A new school, at the cost of \$5,000 is to be built.

Evansville, Mich. A new school building is to be erected.

Muskegon, Mich. Bids have been asked for the erection of the Hackney manual training school. Write Frank W. Garber, chairman of building committee.

Heron Lake, Minn. It is reported that this place voted \$20,000 for the erection of a new high school.

Claremont, Minn. It is proposed to build a new school house here.

Sodus, Mich. A new school is to be built.

Norway, Minn. The building of a new school has been postponed.

Traverse City, Mich. It is proposed to bond the city to build an addition to the Central school building.

Montgomery City, Mo. Architect J. J. Douglass, Wells-ville, Mo., has prepared plans for a new school to be erected.

Brooklyn, N. Y. Regarding the erection of new school buildings write to John McNamee, chairman committee on school houses.

Richmond, Hill, Long Island, N. Y. Plans for the erection of a new \$9,500 school building have been selected.

New York, N. Y. Architect H. J. Hardenbergh, 10 West Twentythird street, has prepared plans for a school house to be erected on the north side of Sixty-seventh street, near First avenue, for the New York Trade school on the premises, to be 66.6x115 feet. Cost \$25,000.

Winston, N. C. A new \$15,000 Industrial academy is to be built near here.

Kiner, N. D. A school house is to be erected.

Hallson, N. D. Bids have been asked for the erection of a new school.

Lemon, O. A new school building is to be erected. Write H. H. Hatch, clerk board of education.

Cincinnati, O. Regarding the erection of new school buildings write Jacob E. Cormany, chairman committee on buildings.

Bart, O. Bids have been asked for the erection of a new school house.

Toledo, O. Architects Mills & Wachter, Gardner building, have prepared plans for a high school building to be located on the school property bounded by Madison, Tenth, Adams, and Michigan streets. Write Richard M. McKee, chairman building committee.

Millersburg, O. A school house is in course of erection.

Springfield, O. Architect Robert C. Gotwald, 40 and 41 Gotwald building, has prepared plans for a five-room two-story school building for the board of education. Cost \$8,500.

Shenandoah, Pa. Plans have been drawn for the erection of a new school building, to be 60x100 feet, and two stories in height.

Grove City, Pa. It is reported that the borough voted to issue \$15,000 of bonds for the erection of a new school house.

Shippensburg, Pa. A new \$12,000 school house is to be built.

North Wales, Pa. Plans have been prepared for the erection of a new school.

Williamsport, Pa. Proposals have been asked for the erection of the new Washington school building.

Uniontown, Pa. Architect J. Chas. Fulton has prepared plans for a nine-room public school at Myersdale, Pa.

Pittsburg, Pa. The school board of the Thirty-second ward has asked for bids for the erection of a school building.

Scranton, Pa. Architect Edward H. Davis has prepared plans for a \$40,000 school building.

Freedom, Pa. Architect J. A. Snyder, Beaver Falls, Pa., has prepared plans for a school for the place.

Newport, R. I. A new school house is to be erected in the Fifth ward in accordance with the plans and specifications prepared by James Fludder.

Pine Ridge Agency, S. D. Write to Capt. W. H. Clapp, U. S. A., acting U. S. Indian agent, regarding a proposed boarding school plant on the Pine Ridge reservation.

Gayville, S. D. A new school is to be built.

Plazo, Wash. It is intended to erect a new school building.

Madison, Wis. Architects J. T. Wilson Jennings and Henry J. Ross, 737 and 8 Unity building, Chicago, Ill., prepared plans for a college building for the State Agricultural College here.

The school tax levied in various places recently is as follows: Ogden, Utah, 4 mills; Round Rock, Tex., 2 mills.

## BUILDING AND FINANCE.

Portland, Ore. It was voted to allow the judges and clerks at the school election \$2 each, and the notaries who administered the oaths to them \$1 each.

The average cost of educating a child in Wyandotte County, Kas., is 44½ cents.

Rochester, N. Y. The board of education has made a third demand on the Common Council for funds.

Toledo, O. The plans for the new high school will be furnished by Mills & Wachter. Building will cost \$175,000. Buff oolitic stone will be used.

Fond du Lac, Wis. The plans of Conover & Porter, architects, were adopted for a ten room building.

Prairie du Chien, Wis. The board selected the plans of J. G. Chandler, for new high school.

Michigan City, Ind. F. S. Allen has completed plans for new First ward building.

F. S. Allen, the school house architect, of Joliet, Ill., while on his way from Terre Haute, to Watseka, Ill., to be present at the opening of the bids, stepped off the train at Danville Junction to get a cup of coffee, but before he got back the train started off without him. He was not like the Irishman who said, "Stop that train somebody for there's a man aboard that train what's left," but paid for a train of his own, arriving at Watseka about as soon as the common herd. But that cup of coffee cost him \$46.10, only a dime of which was for the coffee proper.

Cincinnati, O. The building committee of the school board has adopted a new style of school building. It consists of making the building in the shape of a Maltese cross. It is claimed that the new scheme has several advantages. It is cheaper, and at the same time allows light to enter all the rooms from three sides. The first school building of this kind in this city will be erected in Cumminsville. Architect Lister has been instructed to prepare the plans.

Cleveland. The school council is seeking to enlarge its powers so that contracts may be awarded to the highest bidder whenever this may seem advisable.

Louisville, Ky. A school house plan selected by experts was turned down by the board.

Chicago will add twenty new school houses this year at a total cost of \$1,317,000.

Detroit. The elevators in the high school will cost \$10,000.

## The Dickson System

Means a practical system, an economical system, a safe system. It is in use in a number of the best school houses in the United States.



SCHOOL BUILDING, SOUTH EVANSTON, ILL.  
Equipped with the Dickson System of Heating and Ventilation.

tive matter, and our proofs. Glad to send them to any school official.

## H. SANDMEYER & CO.,

PEORIA, ILL.





The great balance wheel of life is embodied in the word "Regulation." Upon the proper regulation of forces depends the outcome of every process, every effort, every undertaking. Life itself can only round out its natural term upon a compliance with this law. Extravagance leads to disaster always. Excesses of joy or grief, of food or drink, of heat or frost, lead to destruction. The happiness or the appetite of man may not be subject to mechanical regulation. The atmospheric temperature in his abode, however, is within such regulation.

#### Automatic Regulation.

The Johnson System of Heat Regulation is an automatic device which ensures an even temperature in every room in a building. It is simple in construction, performs its functions systematically, silently and completely.

#### A Saving of Fuel.

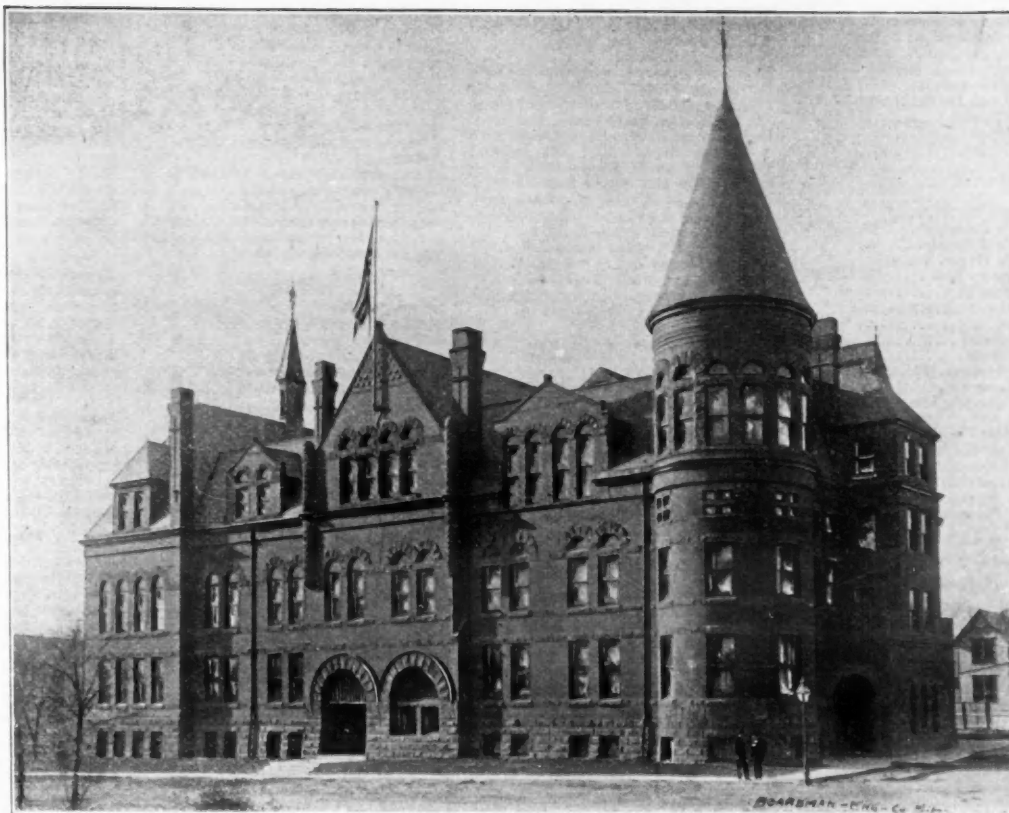
Over-heated school rooms are an expensive nuisance. Open windows are the extravagant remedy. Both mean high fuel bills and inroads on the school treasury. The Johnson system prevents over-heated rooms, it prevents over-frosty rooms as well. It saves its own cost in a short time.

#### A Saving of Health.

A school room in which the temperature has gone too low is as injurious to the health of pupils and teachers as are open windows and strong draughts upon over-heated bodies. The Johnson system not only aids the comfort but also the welfare of school house occupants.

#### No Longer an Experiment.

The hundreds of school houses as well as other public buildings, dwellings, offices and stores, in which the Johnson system is now in use, and has been for some years, offer ample testimony to the efficiency and economy of the system. Those who are familiar with its merits recommend its introduction.



NEW HIGH SCHOOL, JANESVILLE, WIS.  
Equipped with the Johnson System of Heat Regulation.

## The Johnson System of Heat Regulation

Is now in use in hundreds of school buildings in the United States. The most important public buildings are equipped with it—as well as many private homes. For more complete information write to . . . .

# The Johnson Electric Service Co.,

12 Pearl Street, Boston, Mass.

91 Diamond Street, Pittsburgh, Pa.

25-26 Hodges Building, Detroit, Mich.

Lumber Exchange, Minneapolis, Minn.

MAIN OFFICE, MILWAUKEE, WIS.

Johnson Temperature Regulating Co., 240 4th Av., N.Y.

Johnson Temperature Controlling Co.,

411 Dearborn St., Chicago, Ill.

(Please Mention School Board Journal.)

## COLLEGE-BOOKS.

**D.**

## Penmanship

Heath's Vertical..... D. C. H. & Co.  
Ellsworth's..... The W. S. B. Co.  
Pen Writt. Copies..... W. & R.  
Paile's Vertical..... E. H. B. & Co.  
Columbian System..... S. B. & Co.  
Duntonian..... T. B. & Co.  
Normal System..... S. B. & Co.  
Spencerian Copy Books..... A. B. Co.  
Harper's New G. Copy Books..... "  
Eclectic Penmanship..... "  
Ginn's Books..... Ginn & Co.  
Well's Nat. Movem. Method..... C. W. B.  
Jackson's System..... W. B. H.  
Merrill's Vertical..... M. M. & Co.

**Physics or Natural Philosophy.**  
Deschand's Nat. Phil..... D. A. & Co.  
Appleton's School..... A. B. Co.  
Cooley's Series..... "  
Steele's Popular..... "  
Trowbridge's New..... "  
Well's Nat. Phil..... "  
Gage's Series..... G. & Co.  
Shaw's Physics by Exper.....

• • • • •

**Physiology and Hygiene.**

Union..... E. H. B. & Co.  
A Primer of Health..... S. B. & Co.  
& Healthy Body.....  
Dunglison's..... The W. S. B. Co.  
Smith's Primer..... A. B. Co.  
Child's Health Primer.....  
Kellogg's First Book.....  
Johannst & Bouton's..... G. & Co.  
Smith's Elementary.....  
Eclectic, House I live in.....  
Brand's Series..... L. S. & S.  
Hutchinson's New Physi-  
ological Series..... M. M. & Co.

**Physical Culture.**

Straw's Lessons..... A. S. & Co.  
Morris' System..... A. B. Co.  
The Ling System..... S. B. Co.  
Preece's Physical Culture..... C. W. B.  
Schreiber's Home Exercise.....

**Political Economy.**

Wayland's..... S. & Co.  
Chapin's.....  
Mill's Principals..... D. A. & Co.  
Descriptive Economics..... W. & R.  
Chaplin's..... A. B. Co.  
Inst. of Economics..... S. B. Co.  
Rudiment Economics..... L. S. & S.  
Mosevrey's Polit. Econ..... T. B. & Co.  
McCrane's Working Prin-  
ciples of..... M. M. & Co.

**Readers.**

Fuller's Ill. Primer..... D. C. & Co.

Step, Stone...

Hagen's	First Reader.....	" "
Butler's	" " " " .....	E. H. B. & Co.
Monroe's	" " " " .....	" "
Lippincott's	" " " " .....	U. P. Co.
Holmes Series	" " " " .....	" "
Harper Series	" " " " .....	A. B. Co.
Swinton	" " " " .....	" "
Barnes	" " " " .....	" "
Appleton	" " " " .....	" "
McGuffey	" " " " .....	" "
Farnham's Sentence Meth.	" " " " .....	C. W. B.
Stickney's Series	" " " " .....	Ginn & Co.
New Normal	" " " " .....	The W. S. B. Co.
Columbian	" " " " .....	" "
Gyr's Children's Primer	" " " " .....	Ginn & Co.
	First Reader	" "
First Term's Work	" " " " .....	L. S. & S.
Second Primary Reader	" " " " .....	" "
Parker and Marvel's (2)	" " " " .....	" "
Lowell's Mythology	" " " " .....	" "
Normal Course Series	" " " " .....	S. B. Co.
	Alternate 2d	" "
	3d	" "
Riverside Primer and Read.	H. M. & Co.	" "
Collard's Beginners'	M. M. & Co.	" "

### Practical . . . .

Continental Readers.....	M. B. Co.
<b>Shorthand.</b>	
Qsgoodby's New Phon .....	W. & R.
<b>Seventy Lessons</b>	
Isaac Pitman's Complete. ....	I. P. & S.
Instructor.....	"
Isaac Pitman's Phono. Dic. ....	"
<b>Spanish.</b>	
Hugo's Simplified Method. ....	I. P. & S.
De Torme's Method. ....	D. A. & Co.
Ollendorff method.....	"
<b>Spellers.</b>	
Holmes' Elementary.....	U. P. Co.
Sanford's Limited Speller.....	C. W. B.
Hansell's Primary.....	U. P. Co.
Gem Spelling Blanks.....	P. L. & Co.
De Vere's Grammar.....	"
Baltwood's Higher.....	A. S. & Co.
Harrington's.....	A. B. Co.
Seventy Lessons.....	W. & R.
Swinton's.....	"
Grave's New Graded.....	Ginn & Co.
Stickney's Word by Word.....	"
Ginn & Co.'s Blank.....	"
Gilbert's Studies.....	L. S. & S.
Normal Course.....	S. B. & Co.
Monroe's.....	E. H. B. Co.
New American.....	"
Reed's Word Lessons.....	M. M. & Co.

## Zoology

Coulton's ..... D. C. H. & Co.  
 Child's Handbook for collec.  
     Pic. and Stor. of Ani. .... W. B. H.  
 Holder's Elementary ..... A. B. Co  
 Morse's First Book in ..... "  
 Steele's Series ..... "  
 Jobbonnot's Series ..... "  
 Nicholson's Manual ..... D. A. & Co  
 Invertebrate Zoology ..... R. W.



**ABBREVIATIONS: ADDRESSES, EDUCATIONAL PUBLISHERS.**

D. Appleton & Co., New York.	Ginn & Co., Boston, New York.	Leach, Shewell & Sanborn, Boston, New York, Chicago.	Isaac Pitman & Sons, N. Y. I.P. & S.	University Publishing Co., New York, Boston.
Chicago.....D. A. & Co.	Chicago.....G. & Co.	Chicago.....L. S. S.	Christopher Sower Co. Phila. C. S. Co.	York, Boston.....U. P. Co.
Albert, Scott & Co. Chicago, A. S. & Co.	Harper & Bros., New York, (Chicago).....H. & Bros.	G. & C. Merriam Co., Springfield, Mass.....G. & C. M. Co.	Silver, Burdett & Co., Boston, New York, Chicago.....S. B. & Co.	Williams & Rogers, Rochester, New York.....W. & R.
American Book Co., New York, Cinn., Chicago.....A. B. Co.	Houghton, Mifflin & Co., Boston.....H. M. & Co.	Mutual Book Co., New York, M. B. Co.	Sheldon & Co., New York, Chicago.....S. & Co.	The Werner School Book Co., .....The W. S. B. Co.
C. W. Bardeen, Syracuse, N. Y. C. W. B.	Wm. Beverley Harrison, N. Y. W. B. H.	Prang Educational Co., Boston, New York, Chicago.....P. E. Co.	Thompson, Brown & Co., Boston, Chicago.....T. B. & Co.	Bradlee Whidden, Boston.....B. W.
E. H. Butler & Co., Philadelphia, Chicago.....E. H. B. & Co.	Wm. B. Jenkins, New York.....W. B. J.	Peckham, Little & Co., N. Y. P. L. & Co.		

**SCHOOL SUPPLIES.**

**Directory**

**SCHOOL EQUIPMENT.**

This directory has been prepared for the convenience of Secretaries, Boards of Education and school officials who contemplate the erection of school houses and the purchase of School Furniture, Supplies and Equipment. The names of reliable firms only are listed. Write them for estimates and other information.

<b>Apparatus.</b> Thos. Hall & Son.....Boston. L. E. Knott Apparatus Co..... Ziegler Electric Co..... Walmsley, Fuller & Co.....Chicago. U. S. F. Co..... Boston School Supply House.....Boston. Educational Aid Ass'n.....Chicago. Central School Supply House..... The Caxton Co..... McIntosh B. & O. Co..... Acme School Supply Co..... Greenwood School Supply Co..... Standard School Furnishing Co.....Youngstown, O. W. M. Welch & Co.....Chicago.	<b>Blinds.</b> H. B. Dodge & Co.....Chicago. Albany Venetian Blind Co., New York. Standard School Furnishing Co.....Chicago.	<b>Standard School Furnishing</b> Co.....Chicago. W. M. Welch & Co..... <b>Fire Proofing.</b> Western Mineral Wool Co..... ...Cleveland, Chicago, New York. <b>Globes.</b> Wm. Bev. Harrison.....New York. Thomas Kane & Co.....Chicago. Central School Supply House, Chicago. Potter & Putnam.....New York. J. M. Olcott..... The Caxton Co..... Educational Aid Ass'n.....Chicago. U. S. School Furniture Co.....Chicago. Greenwood School Supply Co..... Acme School Supply Co..... Standard School Furnishing Co.....Chicago. W. M. Welch & Co..... J. L. Hammett Co.....Boston. School and Office Supp. Co., .....Grand Rapids, Mich.	U. S. F. Co., Chicago, N. Y., Sidney, O. Educational Aid Ass'n.....Chicago. Acme School Supply Co..... C. F. Hassweiler & Co..... W. M. Welch & Co..... Standard S. F. Co..... <b>Mineral Collections.</b> Edwin E. Howell, Washington, D. C. <b>Projection Lanterns.</b> J. B. Colt & Co.....New York. <b>Mucilage.</b> Diamond Ink Co.....Milwaukee. U. S. School Furniture Co.....Chicago. Acme School Supply Co..... Wm. Bev. Harrison.....New York. Thomas Kane & Co.....Chicago. Central Sch. Sup. House..... A. D. Hobbie.....New York. J. M. Olcott.....New York. Boston Sch. Sup. Co.....Boston, Mass. Greenwood Sch. Sup. Co., .....Youngstown, O. John E. Potter & Co., Phila. Pa. Educational Aid Ass'n.....Chicago. W. M. Welch & Co..... Standard S. F. Co..... <b>Pencil Sharpener.</b> Goodell Co.....Antrim, N. H. U. S. School Furniture Co.....Chicago. F. H. Cook & Co., Leominster, Mass. J. L. Hammett Co.....Boston.	Standard S. F. Co.....Chicago Greenwood School Supply Co..... .....Youngstown, O. <b>School Blanks.</b> Oliver Adams Pub. Co.....Chicago Ill Central Sch. Sup. House.....Chicago. U. S. School Furniture Co.....Chicago Acme School Supply Co..... School & Office Supply Co..... C. F. Hassweiler & Co.....Chicago. W. M. Welch & Co..... J. M. Olcott.....New York.
<b>Architects.</b> F. S. Allen.....Joliet, Ill. H. C. Koch & Co.....Milwaukee, Wis. Van Ryn & Lesser..... Reeves & Ballie.....Peoria, Ill. Geo. Palliser.....New York. Thomas & Rapp.....Chicago.	<b>Badges.</b> Bunde & Upmeyer.....Milwaukee. <b>Book Covers.</b> Wm. Bev. Harrison.....New York. Holden Book Cover Co..... .....Springfield, Mass. <b>Ceilings—Metal.</b> H. J. Sullivan.....Milwaukee, Wis.	<b>Charts.</b> Wm. Bev. Harrison.....New York. Boston School Sup. Co., Boston, Mass. Potter & Putnam.....New York City. John E. Potter & Co., Philadelphia Pa. Thomas Kane & Co.....Chicago. Central School Supply House..... Educational Aid Ass'n..... The Caxton Co..... U. S. School Furniture Co..... Greenwood Sch. Sup. Co., Youngstown, O. Standard School Furnishing Co.....Chicago. W. M. Welch & Co..... C. F. Hassweiler & Co..... J. L. Hammett Co.....Boston.	<b>Heat Regulation.</b> Johnson Electric Service Co., Chicago, Boston, New York, Milwaukee. <b>Heating and Ventilation.</b> Peck-Williamson Co.....Cincinnati. Fuller & Warren Co.....Chicago. <b>Ink.</b> Diamond Ink Co.....Milwaukee. Western Ink Co.....Winchester, Ind. U. S. School Furniture Co.....Chicago. Acme School Supply Co..... Wm. Bev. Harrison.....New York. Boston Sch. Sup. Co., Boston, Mass. Potter & Putnam.....New York. John E. Potter & Co., Philadel. Pa. Thomas Kane & Co.....Chicago. Central Sch. Sup. House..... Educational Aid Ass'n..... The Caxton Co..... U. S. Sch. Furniture Co..... Standard School Furnishing Co.....Chicago. W. M. Welch & Co..... A. D. Hobbie.....New York. School and Office Supp. Co., .....Grand Rapids, Mich.	<b>Second School Books.</b> C. M. Barnes.....Chicago. Arthur Hinds & Co.....New York.
<b>Artificial Slate.</b> A. D. Hobbie.....New York. Am. Soapstone Finish Co., .....Chester Depot, Vt. The Caxton Co.....Chicago. Bobrick Sch. Furn. Co.....Boston. U. S. Sch. Furn. Co.....Chicago. J. W. Schermerhorn & Co., N. Y. City. Wm. Bev. Harrison..... Peckham, Little & Co..... Potter & Putnam..... Boston Sch. Sup. Co., Boston, Mass. Thomas Kane & Co.....Chicago. Central Sch. Sup. House..... Educational Aid Ass'n..... Standard School Furnishing Co..... School and Office Supp. Co., .....Grand Rapids, Mich.	<b>Diplomas.</b> C. E. Ricketts.....Chicago. Sheppard & Co.....Columbus, O. <b>Dry Closets.</b> Peck-Williamson Co.....Cincinnati. Fuller & Warren Co.....Chicago. <b>Erasers.</b> Wm. Bev. Harrison.....New York. Peckham, Little & Co., New York city. W. H. Londergon.....Duncan Park.....Chicago Ill. J. M. Olcott.....New York. U. S. Furniture Co.....Chicago. Boston School Supply House.....Boston. Thomas Kane & Co.....Chicago. Educational Aid Ass'n..... The Caxton Co..... Acme School Supply Co..... Greenwood Sch. Sup. Co., Youngstown, O. Standard School Furnishing Co.....Chicago. W. M. Welch & Co..... A. D. Hobbie.....New York. J. L. Hammett Co.....Boston. School and Office Supp. Co., .....Grand Rapids, Mich.	<b>Ink Wells.</b> The Caxton Co.....Chicago. Thomas Kane & Co..... Central School Supply House..... J. M. Olcott.....New York. U. S. Sch. Furniture Co.....Chicago. Bobrick Sch. Furniture Co., Boston. Chandler Adj. Desk Co., Boston, Mass. Educational Aid Ass'n.....Chicago. Favorite Seat & Desk Co., Cleveland. Piqua Sch. Furniture Co., Piqua, O. Standard School Furnishing Co.....Chicago. W. M. Welch & Co..... J. L. Hammett Co.....Boston.	<b>Physical and Chemical Apparatus.</b> Gundlach Opt. Co., Rochester, N. Y. Ziegler Electric Co., .....Boston. Walmsley, Fuller & Co., .....Chicago. J. M. Olcott.....N. Y. city. McIntosh B. & O. Co.....Chicago. L. E. Knott Apparatus Co., Boston. <b>Relief Maps.</b> Wm. Bev. Harrison.....New York. Central Sch. Sup. House.....Chicago. Edwin E. Howell, Washington, D. C. U. S. School Furniture Co., Boston. J. L. Hammett Co..... <b>School Furniture.</b> The Caxton Co.....Chicago. U. S. School Furniture Co., Chicago, Ill. Bobrick Sch. Furn. Co.....Boston. Chandler Adj. Desk Co., Boston, Mass. Thomas Kane & Co.....Chicago. Central School Supply House..... Educational Aid Ass'n..... Piqua School Furniture Co., Piqua, O. Acme School Supply Co.....Chicago. W. M. Welch & Co.....Cleveland. Cleveland Sch. Furn. Co., .....Cleveland. N. J. School-Church Furn. Co., .....Trenton, N. J. Standard School Furnishing Co., .....Chicago.	<b>School Supplies.</b> The Caxton Co.....Chicago. Bobrick Sch. Furn. Co.....Boston. U. S. School Furniture Co., Chicago, Ill. J. W. Schermerhorn & Co., N. Y. City. Wm. Bev. Harrison.....New York City. Peckham, Little & Co., New York City. J. M. Olcott.....N. Y. city. Potter & Putnam.....New York City. Boston School Sup. Co., Boston, Mass. Thomas Kane & Co.....Chicago. Central School Supply House, Chicago. A. D. Hobbie.....New York. Educational Aid Ass'n.....Chicago. Acme School Supply Co..... W. M. Welch & Co..... Greenwood Sch. Sup. Co., Youngstown, O. School & Office Supply Co., .....Grand Rapids, Mich. Standard Sch. Furn. Co.....Chicago. C. F. Hassweiler & Co..... <b>Slatings.</b> A. D. Hobbie.....New York. U. S. School Furniture Co., Chicago. W. M. Welch & Co..... Hyatt Slate Co., Bethlehem, Pa. J. M. Olcott.....New York. Am. Soapstone Finish Co., .....Chester Depot, Vt. Standard Sch. Furn. Co., .....Chicago. J. L. Hammett Co., .....Boston.
<b>Bells.</b> Buckeye Bell Foundry.....Cincinnati O. Cincinnati Bell Foundry..... Stuckelade & Bros.....St. Louis, Mo. Menely Bell Co.....Troy, N. Y. Peckham, Little & Co., New York city. Central School Supply House, Chicago. The Caxton Co..... Acme School Supply Co..... Greenwood School Supply Co., .....Youngstown, O. Standard School Furnishing Co.....Chicago. W. M. Welch & Co.....	<b>Flags.</b> H. Channon Co.....Chicago. Geo. B. Carpenter & Co..... J. A. Joel & Co.....New York. Wm. Bev. Harrison.....New York. Peckham, Little & Co..... W. H. Londergon, & Co., .....Duncan Park.....Chicago. J. M. Olcott.....New York. U. S. F. Co.....Chicago. Boston Sch. Sup. House.....Boston. Thomas Kane & Co.....Chicago. Central Sch. Sup. House..... Educational Aid Ass'n..... The Caxton Co..... Greenwood Sch. Sup. Co., .....Youngstown, O. J. L. Hammett Co.....Boston.	<b>Kindergarten Supplies.</b> J. W. Schermerhorn & Co., New York. Thos. Charles & Co., Chicago, Ill. Milton Bradley & Co., Springfield, Mass. J. L. Hammett Co., Boston. <b>Magic Lanterns.</b> J. B. Colt & Co.....New York. <b>Maps.</b> Wm. Bev. Harrison.....New York. Thomas Kane & Co.....Chicago. Central School Supply House..... J. M. Olcott.....New York City. Boston School Sup. Co., Boston, Mass. Greenwood Sch. Sup. Co., Youngstown, O. John E. Potter & Co., Phila. Pa. J. L. Hammett Co.....Boston.	<b>School Papers.</b> Smith & White Mfg. Co., Holyoke, Mass. U. S. School Furniture Co., Chicago. Central School Supp. House..... School and Office Supp. Co., .....Grand Rapids, Mich. J. L. Hammett Co.....Boston. <b>School Records.</b> Oliver Adams Pub. Co.....Chicago. Central Sch. Sup. House..... U. S. School Furniture Co., ..... Acme School Supply Co..... School & Office Supply Co., .....Grand Rapids, Mich. C. F. Hassweiler & Co.....Chicago. W. M. Welch & Co..... J. L. Hammett Co.....Boston.	<b>Teachers' Agencies.</b> Southern Educational Bureau Memphis, Tenn. Central Educa'l Bur., Philadelphia. Educational Ex., Providence, R. I. C. A. Scott & Co., .....Chicago, Ill. Frank B. Spaulding.....Boston, Mass. Albert & Clark Agency.....Chicago. C. W. Bardeen.....Syracuse, N. Y. .....Boston, Mass. The Fiske Agency.....New York city. .....Chicago. .....Toronto. Teachers' Co-oper. Ass'n.....Chicago. Albany Teachers' Agency.....Albany. Colorado Educational Bureau.....Denver. Winchell's Teachers' Agency, Chicago. Metropolitan Teachers' Agency.....Chicago. Orville Brewer.....
<b>Black Boards.</b> A. D. Hobbie.....New York. Thomas Kane & Co.....Chicago. Central School Supply House..... The Caxton Co..... Potter & Putnam.....New York. J. M. Olcott.....Chicago. U. S. F. Co.....Chicago. Educational Aid Ass'n..... H. J. Sullivan.....Milwaukee, Wis. Acme School Supply Co.....Chicago. Greenwood Sch. Sup. Co., Youngstown, O. Standard School Furnishing Co.....Chicago. W. M. Welch & Co..... Am. Soapstone Finish Co., .....Chester Depot, Vt. J. L. Hammett Co.....Boston.	<b>Boilers.</b> American Boiler Co.....Boston			

**ACME SCHOOL SUPPLY COMPANY,**

MANUFACTURERS OF

ALSO DEALERS IN

**THE PEERLESS BLACK BOARD.**

**SCHOOL FURNITURE AND SUPPLIES.**

Special Prices on All

The best artificial slate black board on earth, far superior to real slate at half the price. These boards are used in Chicago, Racine, and many other city schools. Write for particulars.

School Papers, Inks, Erasers, Globes, Maps, Charts, Crayons, and all styles of Black Boards. Agents Wanted.

**122 and 124 Wabash Avenue, CHICAGO, ILLINOIS.**

# A Tonic

For Brain-Workers, the Weak and Debilitated.

## Horstford's Acid Phosphate

is without exception, the Best Remedy for relieving Mental and Nervous Exhaustion; and where the system has become debilitated by disease, it acts as a general tonic and vitalizer, affording sustenance to both brain and body.

Dr. E. Cornell Esten, Philadelphia, Pa., says: "I have met with the greatest and most satisfactory results in dyspepsia and general derangement of the cerebral and nervous systems, causing debility and exhaustion."

Descriptive pamphlet free on application to  
Rumford Chemical Works, Providence, R. I.  
Beware of Substitutes and Imitations.

For sale by all Druggists.

### BIBLE IN THE SCHOOLS.

Chicago, Ill. The Woman's Educational Union, proposing to petition the board of education for the compulsory reading of Bible lessons in the public schools, has framed an extraordinary memorial. It avers, that the fundamental law of Illinois requires in the public schools instruction in "that religion, morality and knowledge which is necessary to good government and the happiness of mankind," that the laws of Illinois specify the Bible as a book containing the primary elements of that religion and morality, and insist that as the Bible is recognized as sacred by the laws of the United States and other enlightened nations the greatest improvement that can be introduced into the public schools is the reading of selections from the Bible.

Philadelphia, Pa. A school teacher of the Thirty-third ward appeared before the sectional school board of that ward and asked to be relieved from the reading of the Bible at the opening of the school, alleging that it made her nervous to do so.

### KENTUCKY'S COMPULSORY LAW.

(Continued from page 7.)

take such prosecution in good faith for such offense within ten (10) days after a written notice has been served on him by any taxpayer in said district or city, unless the person so complained of shall be excused by the District or City Board, or board of education, for reasons hereinbefore stated, shall forfeit to the public schools in the city, town or common school district in which said Trustee or President of the board of education resides, a sum not less than ten (\$10) or more than fifty (\$50) dollars.

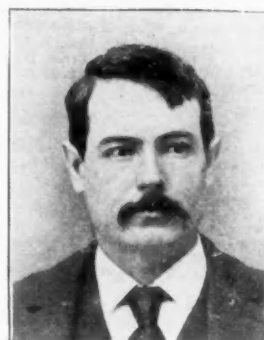
Sec. 4. Any person having control of a child, who, with intent to evade the provisions of this act, shall make a wilfully false statement concerning the age of such child, or the time such child, has attended school, shall forfeit for each offense a



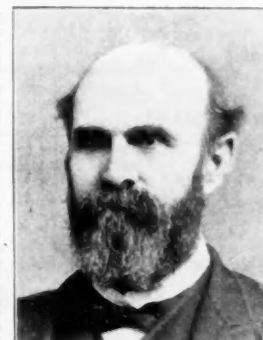
REV. PROF. C. A. SHERMAN,  
Supt. Converse Co.,  
Manville, Wyo.



L. D. BAYLEY,  
Supt. Crook Co.,  
Sundance, Wyo.



WM. E. OXLEY,  
Supt. Alva Co.,  
Okla.



W. H. WORTH,  
Treas. State Board of Ed.,  
Raleigh, N. C.

sum not less than five (\$5) nor more than twenty (\$20) dollars, for the use of public schools for said city, town or district.

Sec. 5. Any fine or penalty mentioned in this act may be sued for and recovered before any court of record or Justice of the Peace of the proper county, in the name of the Commonwealth of Kentucky, for the use of the public schools of the city, town or district in which said child resides.

Sec. 6. That upon the trial of any offense as charged herein, if upon such trial it shall be determined that such prosecution was malicious, then the costs in such case shall be adjudged against the complainant, and collected as fines in other cases.

Sec. 7. The conditions and provisions of this act shall apply to any parent, guardian or person having control of any colored child or children in like manner, as in sections 1, 2, 3, 4, 5 and 6, but no white child shall be permitted to attend or become a pupil in any school for colored children, and no colored child shall be permitted to attend or become a pupil in any school for white children.

### THE MINNESOTA CONVENTION.

(Continued from page 5.)

A. E. Engstrom, of Cannon Falls, maintained that it was cheaper for small districts to adopt the system than for the large cities.

The chairman next introduced Wilson G. Crosby, of Duluth, who spoke on the Selection and Certification of Teachers.

Mr. Crosby's address in substance was as follows: The selection of teachers is the gravest problem confronting administrators of the public schools. The selection should be vested in a superintendent of instruction, appointed by the board for a long term. The same principle which is increasingly applied in municipal affairs is appropriate also in school administration. Narrow the authority as much as possible, and fix it where the responsibility belongs. The board may fix the conditions under which the authority may be exercised, but the authority itself should be indivisible, and the person exercising it held to strict accountability.

In selecting teachers it is unwise to be limited by the lines of any state. It is sometimes desirable to obtain teachers from other localities, if for no other reason than for the interchange of ideas and methods.

Three means should be employed in the choice of teachers. First, examination to ascertain the mental equipments of the teacher. Second, inquiry to ascertain the manners, general culture, early association of the teacher—a most important feature. Third, inspection to ascertain the skill of the teacher in actual work.

The certification of teachers should be by an examination board, appointed by the boards of education. The certifi-

Actual Experience

Discounts any amount of talk.

# The Caligraph is the simplest and most durable Typewriter

"It  
Outlasts  
Them  
All."



Our BOOKLET will give you some candid and unsolicited testimonials that are worth careful consideration. Send also for our 1896 CATALOGUE and SAMPLE BOOK OF TYPEWRITER PAPERS.

AMERICAN WRITING MACHINE COMPANY  
237 Broadway, New York, U. S. A.

cates issued may be of two classes, the first entitling the holder to teach for a long term in all graded schools, say five years; the second for a more limited period, say one year in the primary and intermediate grades. For the first the examination should be in all the usual high school branches, including geometry, algebra, civil government, elementary Latin and theory, and practice of teaching; for the second an examination exclusive of the subjects enumerated which may be considered sufficient.

L. L. Bennett, of Owatonna, said he disagreed most decidedly with the speaker. He thought members of boards of education should visit schools often and become acquainted with the teaching forces, and then they would have no trouble in selecting teachers. The board, and not the superintendent, should have charge of the selecting of teachers. He did not believe in the theory advanced to employ outside teachers, and advocated the employment of home talent only.

Rev. M. T. Gjertsen, of Minneapolis, favored the appointment of a teachers' committee, by every board, such a committee to consult with the superintendent regarding the appointments of teachers, and make a report to the full board, which should always take final action. The superintendent should always be the servant of the board, and should never be given too much power. He held that if boards were not capable of selecting teachers, they were not fit to select text-books. He favored home talent, and thought that if superintendents had the power of selecting teachers, they would be more apt to appoint foreigners, as they had little or no interest in local affairs.

S. S. Farr, superintendent St. Cloud schools, maintained that the superintendent was the proper person to select teachers, as he was better qualified to do so than the board. The superintendent being an educational expert, could detect the technical and special knowledge of a teacher. Teachers should only be selected according to efficiency; he would not discriminate against outside talent, as it would not be to the best interests of the schools. He most heartily endorsed the report of the celebrated committee of fifteen.

Geo. W. Buswell, of Blue Earth City, thought the best way would be for the board and superintendent to consult together.

This closed the afternoon session, and, upon motion, the convention adjourned to meet again in the evening.

(Continued in next issue.)

### HOW'S THIS.

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Dr. Hall's Catarrh Cure.

F. J. CHENEY & Co., Props., Toledo, O.

We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligation made by their firm.

WALDING, KINNAN & MARVIN,  
Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75 cents per bottle. Sold by all Druggists. Testimonials free.

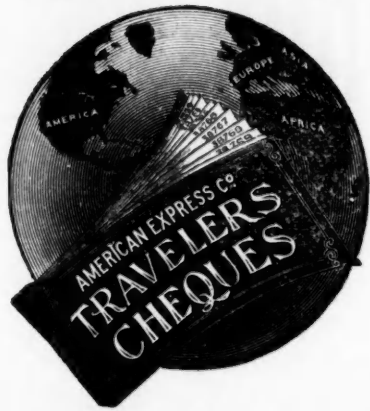
The Morse Company, successors to the New Century Educational Company, have removed their offices to 96 Fifth Avenue, New York City.

**DEAFNESS & HEAD NOISES CURED**  
by my invisible Tubular Ear Cushions. Whispers heard. Warranted to help more cases than all similar devices combined. Help ears as glasses help eyes. Sold by F. HISCOX only, 858 Broadway, New York. Send or call for book of proofs FREE

Maynard, Merrill & Co., Publishers of School Books. Catalogue Free.  
43-47 E. 10th St., N. Y. Send for it.

H. I. SMITH, 5 SOMERSET ST., BOSTON. J. D. WILLIAMS, 151 WABASH AVE., CHICAGO.





### An American Express Co. Travelers Cheque

Is practically a certified cheque made payable to one's order, for a fixed amount named on its face, in gold or its equivalent, in the currency of the country, at 20,000 places throughout the world, by an extensive list of Bankers and Hotels.

More available, economical and secure than Letters of Credit, Circular or Notes, other forms of Travelers' credit.

Cheque, rates, and further information may be obtained at any agency of

**THE AMERICAN EXPRESS CO.,**

or at the principal offices of the Company.

65 Broadway, New York,

78 Monroe St., Chicago,

45 Franklin St., Boston.

### NATIONAL BLACKBOARD ERASER.



(THOROUGHLY DUSTLESS.)

W. H. LONDERGON & CO., Manufacturers, 401 Duncan Park, Chicago.

Adopted by the Chicago Board of Education.

Only Eraser that perfectly cleans the board. The Eraser is cleaned by simply rubbing against any suitable object. Cheapest all wool Eraser in the market. We specially solicit correspondence with jobbing Trade.

## SUCCESS IN LIFE

depends on Little Things.

A Ripans Tabule is a little thing but taking one occasionally gives good digestion and that means good blood, and that means good brain and brawn, and that means success.

A Bright Eye

is a sign of good health and if the stomach is not in the best of conditions the eyes will show it. Ripans Tabules will make the stomach right and keep the eyes bright and clear.



### A Word to

### Live Teachers!

OWING to the central location of Buffalo, N. Y., the N. E. A. Convention to be held there this summer will probably be one of the largest meetings ever held by this great national organization. It is the duty of every teacher to attend these conventions. It is equally the duty of every teacher to take a summer outing. Buffalo is situated within easy distance of a number of the most desirable and popular summer resorts in America. All live teachers will avail themselves of this rare opportunity to kill two birds with one stone. By the way, in making arrangements for the trip, please bear in mind that the

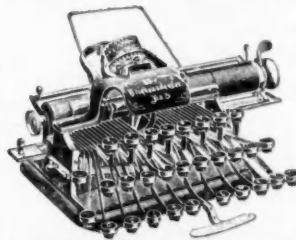
### WABASH ROAD

is the most convenient line to Buffalo, via Niagara Falls from points in Iowa, Wisconsin, Illinois and the west. For maps and printed matter, write to . . .

**F. A. PALMER,**

Ass't. Gen'l Passenger Agent,

97 ADAMS STREET, CHICAGO.



### BLICKENSDERFER

\$35. TYPEWRITER. \$35.

TEACHERS and EDUCATORS can learn why we can sell a typewriter equal to any \$100 machine for \$35 by addressing

**W. J. BLICKENSDERFER & CO.,**

195 La Salle Street, Chicago, Ill.

EVERY MACHINE WARRANTED



Are built in the Largest and Best Equipped Factory in the World.

**LOST** By thousands of people who have paid \$100.00 for a bicycle when they could have purchased a Waverley, the **Highest of all High Grades** for \$85.00, the wheel that is the result of a combination of the best material, the most approved lines of scientific construction, the greatest mechanical skill, and finest labor-saving automatic machinery. They are built to wear for years, and are the choice of experienced riders, who select a mount they can always depend on. Send for catalogue.

Eastern Wholesale Branch, 339 Broadway, New York.

**INDIANA BICYCLE CO.,**  
INDIANAPOLIS, IND.



is handsome, light, durable. Such grace of design as is embodied in this "fast, easy-running, much-talked-about" mount can only be secured by the most approved methods, finest material and skilled workmanship.

The '96 Stearns is the best bicycle it is possible to produce. Finished at your option in orange or black.

Address now for beautiful new catalogue.

"The Yellow Fellow."

**E. C. STEARNS & CO., Makers, Syracuse, N. Y.**

BUFFALO, N. Y.

SAN FRANCISCO, CAL.

TORONTO, ONT.

**CURED**  
chippers heard,  
similar devices  
SCOX  
proofs **FREE**

# MEN WHO WERE JUDICIOUS.



The thoughtful man does not jump at conclusions on the spur of the moment. Judicious school board members do not decide upon an important problem, such as the heating and ventilation of a school, hastily. They do not embrace every new fangled, untried system because the pull and pressure for it is strong.

They will look for a safe system, one that has been tried and has had ample chance to prove its merits. A system like the Fuller & Warren is standard, it is safe, it is economical. School boards adopt it and feel secure that there will be no future expensive alterations, vexatious, repairs, inefficient services.

It does its work well. Its name is a guarantee.

## SCHOOL AIR.

The Fuller & Warren system insures complete ventilation. Fresh warm air is constantly infused into the school rooms, meeting every requirement of the most eminent scientific authorities on this important subject. It defies improvement.

## SCHOOL WARMTH.

The Fuller & Warren system is not an experiment. It is not only the most economical, but the most serviceable. Hundreds of proofs furnished. The best school buildings in the United States are equipped with it. School officers attest to its utility.

## SCHOOL HEALTH.

The Fuller & Warren system of Sanitary Cremating Closets and odorless Ventilation Slate Urinals are absolutely sanitary. They positively destroy every vestige of excreta. The entire system is separated from class room ventilation and guaranteed to be entirely free from odor in the building.

For full particulars, information and catalogues referring to hundreds of buildings now equipped by us apply or address:

FULLER-WARREN CO., Milwaukee, Wis. COMMON SENSE WARMING AND VENTILATING CO., Dallas, Tex.

**Fuller & Warren Warming and Ventilating Co. Chicago.**

## BLACKBOARDS

Made from the Celebrated **POTTER MATERIAL**

ARE

**UNSURPASSED.**

Write for information to the manufacturers.

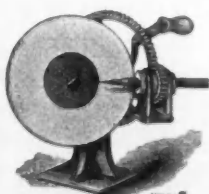
**American Soapstone Finish Co.,** Chester Depot, Vermont.

**SIMMONS & CO.,**

167 DEARBORN ST., CHICAGO.



Saves one-half Expense for Labor. No Dust from Sweeping. No Sprinkling. No Scrubbing. No Sawdust. Non-Combustible. Is a Great Disinfectant and Particularly Desirable for School Rooms



**The GEM PENCIL SHARPENER**  
Sharpens both Lead and Slate Pencils.

"It gives me great pleasure to recommend the 'Gem Pencil Sharpener.' It does the work well and quickly. This last is of great importance for school work. This 'sharpener' is in satisfactory use in very many of the cities and towns of the State. From what I personally know of the results here and elsewhere, I am fully convinced that the 'Gem' is the very best sharpener on the market. In fact I do not believe that there is any other which at all compares with this one for use either in the school or the office."

JOEL D. MILLER.

Price, \$3.50.

Member of Mass. State Board of Education.

Send for descriptive circular Manufactured by F. H. COOK & CO., Leominster, Mass.

## A POPULAR GEOGRAPHY.

An absolutely new book just from the press, containing full and explicit definitions, etc. concisely and accurately compiled from all recent authentic sources. The matter is admirably adapted to all, for the diction is simple and pure, the style clear and direct, and the manner of presentation bright and attractive. Wonderfully compact, marvelously complete, beautifully printed and excellent material. Hundreds of books have been consulted in its preparation. Mathematical and Physical Geography are stripped of all abstruse technicalities and plainly and forcibly presented in such an attractive manner as to instinctively engross the student's attention, thereby urging him to scientifically investigate and carefully dissect the infinitesimal beauties of nature. The various phenomena are graphically explained. Political Geography is discussed by the Socratic method. Every conceivable question of potent interest that would likely be asked in the most rigid examination is intelligently propounded and concisely and correctly answered just below it.

## A FEW TESTIMONIALS.

Popular Educator, Boston, Mass.: "Prof. Free has given in a succinct manner all the essentials of mathematical, physical and political geography. He gives these in the form of definition of terms, and makes a valuable book for teachers preparing for examinations. It is a most convenient and serviceable compendium of geographical definitions for teachers and general readers."

Southern School Journal, Little Rock, Ark. Hon. J. H. Shinn, ex-Supt. Public Instruction and ex-Pres. of S. E. A., Editor: "This book is within the reach of all teachers, and should be owned by each of them. It is a thesaurus of geographical knowledge and presents in compact compass, thousands of facts which teachers cannot remember, but which are of indispensable importance in the teacher's work. The author has done a good work for teachers."

Normal Journal, Fort Scott, Kansas: "The 'Popular Geography' is an excellent work. It supplements the common school geographies and affords information of great value to both teachers and pupils. It will undoubtedly meet with a ready sale."

Col. A. B. Parker, Lafayette, Ky.: "It is concise, clear, logical, fascinating and, all in all, a most valuable contribution to geographical information."

Prof. J. C. Davidson, Supt. Public Schools, Helena, Ark.: "The plan is a good one, and it is an attractive volume."

Mrs. Robinson, Honolulu, S. I.: "A most excellent book."

Miss Lula Pierce, London: "Succinctly and admirably arranged."

Miss Jessie Ely, Toronto, Canada: "It is multum in parvo in an inimitable way, written by a master pen."

Miss Lettie Seay, New York City: "A phenomenally interesting and instructive volume, brimful of good things."

Joshua W. Fields, Sidney, Australia: "Every teacher should have it. I have never seen its equal. Prof. Free is evidently a scholarly man and one who knows what a teacher needs."

Joseph Stephens, Denver, Col.: "I like it so much, it is the embodiment of all that is good in geography."

J. C. Lovell, San Francisco, Cal.: "Just the very book for all preparing for examination. It is a mecum for all."

J. W. Banks, Boston, Mass.: "It is clear, concise, accurate, and contains all that is necessary."

J. U. Thomas, Tokio, Japan: "An admirable book, brief, systematic, clear and forcibly written by a scholar."

BOUND IN CLOTH, 60 CENTS.

None free.

Address the author,

**GEO. D. FREE, Church Hill, Ky.**

Send P. O. Money Order on Hopkinsville, Ky.



# School Board Journal

## FOREIGN HUMOR.



No Doubt.

Professor.—"Is there any animal whose flesh has two different tastes?"

Student.—"Yes, sir, the flesh of the horse. If one believes it is canned beef, it has one taste; if one finds out it is canned horse, it has another taste."—Judge.

Schoolmistress—Come here, Charlie, and let me hear you recite your lesson. Why, what is the matter? What are you crying for?

Charlie—Some of the big boys made me kiss a little girl out in the school yard. Boo hoo!

"Why, that is outrageous! Why did you not come right to me?"

"I—I didn't know that you would let me kiss you."

A teacher had been speaking of the division of the world into Nationalities, and wishing to see how well the class had followed her, she said, pointing to a map of Europe:

"Now, suppose I were in France and went into Germany, how should I be likely to know when I passed the boundary?"

A child of seven answered promptly: "You would hear the German bands, please."



Modern.

Mother: "Maud, you must not read such books."  
Daughter: But, mamma, don't be so childish.

Lehrer: "Was mein ist das ist auch Dein. Wer jagte dieses schöne Wort?"

Schüler: "Einer, der nichts hatte."

DOMESTIQUE SCRUPULEUX (qui a trouvé une pièce de cent sous dans le gilet tout neuf de son bourgeois): "Quel dommage pour le gilet—mais il n'y a pas de remède; il faut que je fasse un trou assez grand pour—qu la pièce y eût pu passer."

Professor: (auf der hochzeitsreise): "Um, hm, wo ist denn nur meine Frau—sollte ich die unterwegs irgendwo stehen gelassen haben?"

CHEZ LE COMMISSAIRE DE POLICE. "Vous dites qu'on vous a volé une paire de bottines. Combien valaient-elles?"

"Elles m'avaient coûté 12 francs. Je les ai fait ressembler quatre fois, ça m'a coûté 3 francs chaque fois; donc, en tout, 24 francs."

"Secrétaire, écrivez: Une paire de bottines de la valeur de 24 francs."

1. Student: Hast Du gehört, daß Schwiemel und Süßel sich auf Pistolen duellirt haben?

2. Student: Waren sie geladen?

1. Student: Schwer!

VIEILLE NOBLESSE. Le duc de B—, très connu à Paris, est malgré sa grande fortune, d'une avarice que sa mise dénonce du reste. Il avait déjeuné dernièrement à Saint Cloud chez une parente et s'en revenait à pied quand la fatigue le prit. Il s'assit sur un banc, et sa tête se courba bientôt sur sa poitrine, laissant tomber à terre sa crasseuse coiffure. Devinez ce qu'il découvrit à son réveil? Treize sous dans son chapeau!

Lehrer: "August, wie weit sind mer in der Rudurgeschichte von den Thieren gekommen?"—August: "Bis auf den Hund."—Lehrer: "Johannes, wie viel Klassen ha'en mer im Thierreich und im welche feiert der Hund?"—Johannes: "Mer ha'n eine Jungen und eine Mädchenklasse und der Hund feiert in fenne Klasse nich, sondern er feiert in die Hunde-hütte!"

In a country school near Lawrence, Kan., a lot of small boys got into a row and when the teacher asked who was to blame, a little fellow said he was and was kept after school. After all the other pupils had gone, he looked at the clock and told the teacher it was four o'clock and he did not have to stay longer and jumped out of a window and went. Next day he staid at home and consulted a lawyer about how many licks his teacher had a right to strike him. The lawyer jokingly told him ten. The second day he returned to school wearing three suits of clothing, ready for the whipping he knew he would get, and when the teacher had delivered the tenth stroke of the gad, the boy called a halt and told him that was the limit of the law for he had seen a lawyer, and the "master," thinking maybe the boy knew more about it than himself, concluded to quit.

Inspector—What do you see above your head when you are in the open air?

Scholar—The sky.

Inspector—And what do you see when the sky is covered with clouds?

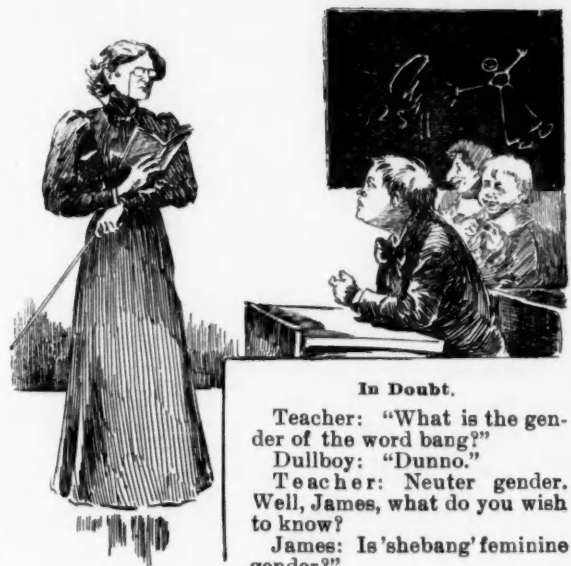
Scholar—My umbrella.

A Rochester seven-year-old recently got even with his governess in this way: She was obliged to punish him, after which she administered a solemn sermon for the youngster's benefit. "Now, Willie," she said, in concluding the lecture, "you must remember this—that at all times you should respect your teacher."

"Yes'm," sobbed Willie, "I spose I'd ought to respect you on account of your age."

Teacher—If a man's salary is \$3 a week how much will the man have at the end of the year?

Alderman's son—Oh, anywhere between \$8,000 and \$10,000.



In Doubt.

Teacher: "What is the gender of the word bang?"

Dullboy: "Dunno."

Teacher: Neuter gender. Well, James, what do you wish to know?

James: Is 'shebang' feminine gender?"

Teacher—Tommy, did you find out anything about the origin of the dollar mark?

Tommy—I asked paw about it, and he said the straight lines stood for the pillars of society and the crooked one for the way they get their money.

"Please, sir, it was nine-twenty when you got here. When we're late you always keep us after school for an hour."

"Very well," said the master, "you shall all stay and keep me after school for an hour."

Mrs. Weatherwax: "I don't see where all the money comes from for these wars they are carrying on all over the earth."

Mr. Weatherwax: "I don't know myself, but it seems to me that the map publishers ought to put up some of it, anyway."

A school teacher having instructed a pupil to purchase a grammar, received the following note from the child's mother: "I do not desire for Lulu shall engage in grammar as i prefer engage in yuseful studies and i can lurn her how to speak and writ properly myself. i have went threw 2 grammars myself and i cant say as they done me no good. i prefer her engage in german and drawing and vokal music on the piano."

## He Went to Theatres.

Teacher: This wicked King Henry VIII. then had his unfortunate queen's head cut off.

Johnnie: I guess I know why he cut her head off, teacher.

Teacher: Why, Johnnie?

Johnnie: 'Cause she wore a high hat.

## Arithmetic (?) Lesson.



Extracting the roots.

## SILK and BUNTING

B 4 U BUY FLAGS, BANNERS



WRITE for PRICES and DISCOUNTS.

FOR Homes SCHOOLS And Parades.

Buy of the Manufacturers and save all discounts.

Best U.S. Bunting, Lowest prices in the United States. Manufacturers of Caps, Swords, Belts, Etc.

J. A. JOEL & CO., 88 Nassau St., N. Y. Mention School Board Journal.



## BEST BUNTING FLAGS

AT LOW PRICES.

Also manufacture Silk Flags, Banners, Burgees

Send for price list

Ensign Mfg. Co.,

129 3d Ave., N.Y.

Name this paper.

## FLAGS

OF EVERY DESCRIPTION

MANUFACTURED BY

H. Channon Company,

24 AND 26 MARKET STREET,

CHICAGO.

## Illinois Medical College

The Chicago Summer School of Medicine.

CO-EDUCATIONAL.

A regular Medical College holding its sessions in the summer. The next term begins March 10th, 1896.

Wm. F. Waugh, A. M., M. D., Dean,  
103 State Street, Chicago.

## During Vacation

GO TO

Chautauqua

Free

H. B. WILLIAMS, Secretary,  
Geneva, N. Y.

## DIAMOND INKS



Make writing in Schools and Offices a pleasure.

DIAMOND IMPERIAL BLACK INK

For the School Room. It is not gummy and does not corrode.

DIAMOND CHEMICALS WRITING FLUID

For Office use.

DIAMOND CREAM MUCILAGE

For the Kindergarten.

Address....

DIAMOND INK CO., Milwaukee, Wis.

## THE CONVENTION OF THE

# National Educational Association

BUFFALO, N. Y., JULY 7 TO 11, 1896.

A  
GLANCE  
AT  
THIS



Map of the WABASH RAILROAD, in connection with the Grand Trunk Ry. of Canada,

WILL SHOW YOU THAT THIS IS

THE DIRECT LINE TO BUFFALO Via the Niagara Falls FROM THE WEST AND SOUTH-WEST.

Rate from Chicago via this route, \$12.00 for the round trip, plus \$2.00 N. E. A. Membership fee, being \$1.50 lower than by any other line via Detroit and Niagara Falls. There is now before the Board of Managers a recommendation from Central Passenger Committee that passengers holding all rail excursion tickets be allowed the privilege of making the trip by water one way between Detroit and Buffalo, either going or returning, without extra charge.

Tickets will be sold July 5th and 6th, good going only on date of sale, with an open return limit of July 12th, and with the privilege of extension to September 1st, 1896, by deposit in the Joint Agency at Buffalo, on or before July 10th.

Regular, fast vestibuled trains leave Dearborn Station, Chicago, for Buffalo via the Wabash Niagara Falls Short Line at 3:00 p. m. daily. In addition, a sufficient number of special trains will be run during the movement of this business to accommodate the public.

For railroad and sleeping car tickets and general information apply to

F. A. PALMER, A. G. P. A.,  
97 Adams Street, CHICAGO.

## N. E. A. One Fare

\$13.50,

PLUS \$2.00  
MEMBERSHIP FEE,

For the Round Trip

FROM CHICAGO.



JULY  
3rd to 10th  
-1896-

THE LAKE SHORE  
AND  
MICHIGAN SOUTHERN RY.

The attention of teachers and others is invited to the fact that no other line from Chicago affords equal train service; Morning, afternoon and evening trains being available to holders of tickets reading via the L. S. & M. S. Ry. Complete schedule of trains with any information desired promptly furnished on application.

J. R. HURLEY, T. P. A.,  
95 Wisconsin St., Milwaukee.

A. J. SMITH, General Passenger Agent,  
CLEVELAND.

C. K. WILBER, Western Passenger Agent,  
CHICAGO.

W. A. OLMSTED, School Supplies, Wholesale and Retail,  
182 and 184 Wabash Avenue, CHICAGO.

## REMOVAL!

Will move May 1, 1896, to the A. H. Andrews building, 215-217 Wabash Ave., where, with better facilities, better light and more room, we shall be enabled to handle our business with greater dispatch. Will be glad to greet our customers in our new quarters.

## To California

in 3 DAYS

from Chicago

## Santa Fe Route

The California Limited

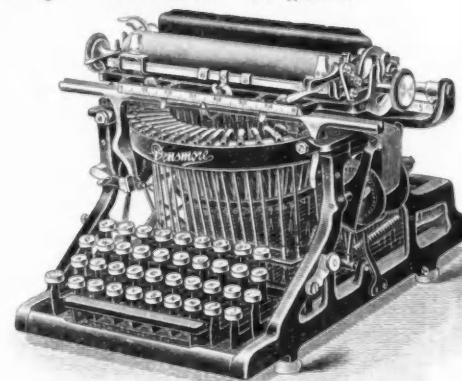
Is a new, strictly first class fast train, vestibuled throughout, lighted by Pintach Gas, and running from Chicago to Los Angeles and San Diego in three days, and San Francisco, three and a half days.

Through compartment and palace sleepers, chair cars and dining cars.

Principal fast trains from East closely connect with California Limited, leaving Chicago at 6:00 p. m. daily.

G. T. NICHOLSON, G. P. A., Chicago.

"The Light Running" DENSMORE "The World's Greatest Typewriter."



## SUPERIORITIES ESTABLISHED:

Lightest key-touch, greatest speed, most convenient paper feed, best for both correspondence and manifold, best system of scales.

From the U. S. Government.

Dept. the Interior, Washington, Nov. 23, '95, Densmore Typewriter Co., Gentlemen:

We have now in use in the Bureau of this department nearly eighty machines. We have no complaint from the users of them, hence we conclude they are giving entire satisfaction. Respectfully,

Signed, HIRAM BUCKINGHAM, Custodian.  
FREE: Illustrated pamphlet containing testimonials from leading concerns.

Densmore Typewriter Co., 316 Broadway, N.Y.



**BUCKEYE BELL FOUNDRY,**  
—CINCINNATI, O., U. S. A.  
Best Grade Copper and Tin  
School, College & Academy **BELLS**  
Price and Terms Free. Name this paper.

**CINCINNATI BELL FOUNDRY**  
—CINCINNATI, OHIO.  
**SOLE MAKERS OF THE BLYMYER BELLS**  
FOR CHURCH, SCHOOL, FIRE ALARM &c.  
Catalogue with 2500 testimonials. Prices and Terms FREE.

**MENEELY BELL COMPANY,**  
Clinton H. Meneely, General Manager.  
**TROY, N. Y., and NEW YORK CITY,**  
MANUFACTURE  
**SUPERIOR BELLS.**

**AT LAST!**  
AN  
**ELECTRIC LIGHT**  
for Your **NECKTIE.**  
\$1.50.  
**OHIO ELECTRIC WORKS, Cleveland.**

**CARDS!! CARDS!!**  
To reduce our enormous stock of  
Cards and Scrap Pictures we  
shall sell Beautiful Cards of every  
description at **Great Cut Down.**  
50 Reward of Merit Cards, Children's 10c.  
Delightful 10c.  
50 Scripture Text Cards, 10c.  
50 Easter Cards, (Beautiful) 10c.  
50 Birthday " 10c.  
50 Christmas and New Year, 10c.  
50 Elegant Snowflake and Fine  
Bristol Cards in assorted tints  
**YOUR NAME** on all postpaid 10c.  
Blank Cards, Scrap Pictures and Free-  
mium Goods at Wholesale. Address  
"BIRD CARD WORKS, BOX 2,  
Clintonville, Conn."

**FREE**  
**TO BALD HEADS**  
We will mail on applica-  
tion, free information how  
to grow hair upon a bald  
head, stop falling hair  
and remove scalp diseases.  
Address,  
Altenehm Med. Dispensary,  
R 127 East Third Street,  
Cincinnati, O.

**OXYALS.** In the part of France where I was born,  
and they never use cosmetics, but a simple domestic remedy prepared in nearly  
every household. There is nothing disagreeable in its application or harmful in its  
effects, and a change will be noticed in the skin in one day. When first discovered  
it was only supposed to bleach the skin, but the friction used in applying it ERAD-  
ICATES WRINKLES and leaves the face firm & smooth. After a few applications  
Pimples, Tan, Blackheads and Sunburn  
will entirely disappear. During its use all powders and lotions are to be avoided,  
nothing being used but soft water and OXYALS, for it is a process of cleansing, not  
covering up impurities. Full directions for use accompany OXYALS—by mail.  
**One Month's Treatment Only 25 cents,**  
or for 60 cents I will send one month's treatment and sell the OXYALS yourself  
at a cost of less than 25c a year. E. C. LATOURE, Station C, St. Louis, Mo.

## SCIENTIFIC BICYCLE MAKING

The ball bearings of a bicycle must be  
very hard. But they must not be brittle,  
or they will break easily. The COLUMBIA  
method is  
right. Soft,  
tough steel  
is forged to  
the shape  
required,  
machined down to exact size, case hard-  
ened to diamond density on its surface,  
and then polished. Such bearings rarely  
break, while they give the matchless ease  
of running that makes

**Columbia**  
Bicycles

**\$100** Standard of the World  
to all alike

Columbias in construction and quality are  
in a class by themselves.

POPE MANUFACTURING CO., Hartford, Conn.

Columbia Art Catalogue gives full informa-  
tion of Columbias; also of Hartford bicycles,  
next best, \$80, \$60, \$50. Free from the Colum-  
bia agent or mailed for two 2-cent stamps.

**\$140** buys New Piano, Organs \$49. Catalogue  
Free. Daniel F. Beatty, Washington, N. J.

"Another Loved One Gone." A new  
mixed quartette, suitable for Funeral services.  
Price 10c. G. E. SNYDER, Station Y, Chicago.

**LADIES** I MAKE BIG WAGES doing pleasant home work,  
and will gladly send full particulars to all send-  
ing 2c. stamp. MISS M. L. STEBBINS, LAWRENCE, MICH.

**SALESMAN WANTED—\$100 to**  
**\$125**  
per month and expenses. Staple line;  
position permanent and desirable. Address  
with stamp, King Mfg. Co., T 106, Chicago

**THE EARTH** A most fascinating and valuable  
magazine for Home and School,  
only 50c a year. Sample copies, 5c. The Earth  
Publishing Co., Des Moines, Ia.

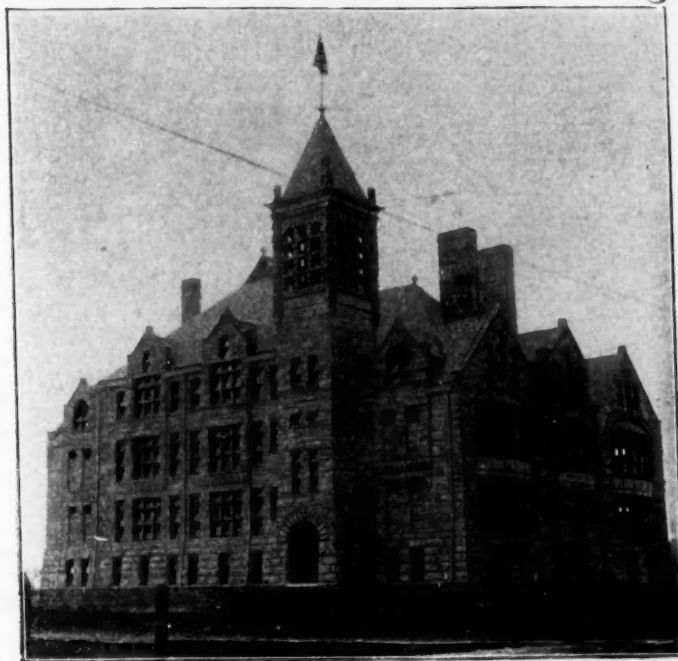
**WANTED—AGENTS** to sell a practical de-  
vice or dispose of territory.  
Our agents are making from \$25 to \$80 per  
week. Address the U. D. Novelty Co., Upper  
Sandusky, Ohio.

**STUDY LAW** AT  
HOME  
Systematic and thorough courses  
taught by able and experienced  
teachers. Splendid opportunity for  
a legal education. Send stamp for  
full particulars.  
Chicago Correspondence School of Law,  
Reaper Block, CHICAGO, ILL.

**QUAKER FOLDING VAPOR BATH CABINET.**  
**\$5 to \$10 a day to Ladies or Gents.**  
Selling Cabinets to Families and Physicians.  
Everybody buys, sick or well. Turkish, Russian  
or Medicated Baths at home. 50,000 sold. No more  
Bath Tubs or Doctor Bills. Renovates your sys-  
tem, prevents Obesity. Cures Colds, Rheumatism,  
La Grippe, Neuralgia, Eczema, Catarrh, Bright's  
Disease, Malaria, Headaches, Female Complaints,  
and all Blood, Skin, Nerve and Kidney Diseases.  
Beautifies the complexion. Guaranteed. Best made,  
lasts a lifetime. Price low. Size folded 16x2 in.,  
5 lbs. Greatest seller on earth. Wholesale to  
agents. BOOK FREE. C. World Mfg. Co., Columbus, O.

**CIVIL SERVICE EXAMINATIONS**  
Are held in every state. We can prepare  
you thoroughly by mail for any examination  
in the Postal, Customs, Railway, Mail,  
Indian, Internal Revenue Services, the  
Departments at Washington and Government  
Printing office. 4,000 appointments made  
annually. Information as to dates, places,  
salaries, etc., FREE if you mention "Ameri-  
can School Board Journal." Write to-day.  
NAT. CORRESPONDENCE INSTITUTE,  
WASHINGTON, D. C.

**BLAINE'S MANUAL 25c.**  
A Million Everyday Facts  
of Practical Knowledge and  
value to anyone whether Farm-  
er, Business Man or Student.  
508 pages laden with sugges-  
tions that may point the way  
to a fortune. A storehouse of  
useful, solid information of in-  
terest. Limp Cloth 25c  
Stiff Cloth 50c. Full Leather  
\$1.00. Send for sample copy. A  
harvest for Agents. B. A. WEEKS  
& CO., 251 Wabash Ave., Chi-  
cago.



NEW HIGH SCHOOL BUILDING, EAST ST. LOUIS, ILL.

F. S. ALLEN, School Architect, JOLIET, ILLINOIS.

**REEVES & BAILLIE,**

**ARCHITECTS,**  
**PEORIA, ILL.**

All Classes of School  
Buildings.

We have designed Schools in Illinois for



High School, Bloomington, Ill.

Henry, Kankakee, Pe-  
oria, Saybrook, Lex-  
ington, Wenona, Gil-  
man, Greenville, Can-  
ton, Bradford, Tremont,  
Monticello, Fairbury,  
Bloomington (3),  
Lewiston.  
School Boards con-  
templating building  
will find it to their ad-  
vantage to send for our  
Book of designs and  
Plans of Schools we  
have constructed.

**WANTED.** Good reliable men, to sell  
our choice and Hardy Nur-  
sery Stock, such as Fruit  
Trees, Roses, Shrubs and  
Ornamentals. Ladies make this business a suc-  
cess. Easy work, pleasant, light and profitable,  
OUTFIT FREE. Apply at once, with references,  
and secure choice of territory. F. N. MAY COM-  
PANY, Nurserymen and Seedsmen, Rochester, N. Y.

**Educators—A Rare Chance.**

Large stone buildings, 3-story and basement,  
steam heat, with fine large campus, can be ob-  
tained on very favorable conditions by respon-  
sible parties who will establish Military school  
or academy, former preferred. For particulars  
address, C. H. EGGLESTON, Fox Lake, Wis.

## MONARCH BICYCLES

**\$80**  
and  
**\$100**

Light,  
Strong,  
Speedy,  
Handsome.



Finest  
Material  
Best  
Workmanship

If you can be satisfied with something cheaper, the best lower-priced  
wheel is

**DEFIANCE--\$75, \$60, \$50, \$40,** (Men, Ladies, Youths, Misses, Boys, Girls.)

Every machine guaranteed.

Send for catalogue.

**MONARCH CYCLE MFG. CO., CHICAGO, ILL.**

83 Reade Street, NEW YORK.

3 and 5 Front Street, SAN FRANCISCO.

**CRIBB CARRIAGE CO., Agents, MILWAUKEE, WIS.**

# THE NATURAL COURSE IN MUSIC

By Frederick H. Ripley and Thomas Tapper

The latest system of music instruction for public schools. New plan of presenting the subject; new methods of teaching. No other system has had such general recognition and adoption throughout the country. See the partial list below. No series of music books has ever received such unqualified indorsements by leading music critics and experienced music teachers. Read

Partial list of cities that have adopted the Natural Course in Music:—

San Francisco, Cal.  
Detroit, Mich.  
Indianapolis, Ind.  
Columbus, O.  
Saginaw Mich.  
Covington, Ky.  
Portland, Me.  
Wheeling, W. Va.  
Lancaster, Pa.  
Bay City, Mich.  
Davenport, Ia.  
Wichita, Kas.  
Springfield, Mo.  
New Brunswick, N. J.  
Kalamazoo, Mich.  
Keokuk, Ia.  
Sedalia, Mo.  
Ottumwa, Ia.  
Logansport, Ind.  
Manistee, Mich.  
Muncie, Ind.  
Plainfield, N. J.  
Irontown, Ohio.  
Mt. Vernon, N. Y.  
Colorado Springs, Col.  
Rondout, N. Y.  
Guthrie, Ok.  
Jefferson City, Mo.  
E. Cleveland, Ohio.

Besides a large number of smaller but important places, and over 500 towns and districts in all parts of the country.

## WHAT THEY SAY

### REVOLUTIONARY

"The Natural Course in Music has more points of superiority than any other course. I believe to a certain extent it is going to revolutionize music teaching in this country."—Mrs. EMMA A. THOMAS, Supervisor of Music, Detroit, Mich.

### AN ADVANCE STEP.

"We believe that the authors of the Natural Music Course have taken an advance step in the development of school music."—HERBERT GRIGGS, Supervisor of Music, Denver, Col.; CAROLINE V. SMITH, State Normal School, Winona, Minn.; C. H. CONGDON, Supervisor of Music, St. Paul, Minn.; P. C. HAYDEN, Supervisor of Music, Quincy, Ill.

### THE TEST OF USE.

"My belief in the Natural Course in Music is the outgrowth of practical use in my own classes. In this system we have reached, it seems to me, an 'ultima thule' in music which gives pleasure to teacher and pupils, and the most gratifying results in sight reading."—MARY R. JORDAN, Director of Music, Public Schools, New Brunswick, N. J.

### SINCERELY RECOMMENDED.

"The Natural Course in Music has my sincere recommendation."—CARL FARLTON, Director of Music, New England Conservatory, Boston.

### A SAFE PREDICTION.

"I predict an extensive use of the Natural Course in Music."—B. W. BURGESS, Supervisor of Music, E. Cleveland, O.

### ALWAYS DISCOVERING NEW AND FAVORABLE POINTS.

"I am using the Natural Music Course before a large class in the Colorado Summer School of Science, Philosophy, and Languages, and discover new points in favor of the charts during each season."—P. M. BACH, Superintendent of Music, Colorado Springs, Col.

### EXCELS IN CLEARNESS AND SIMPLICITY.

"It certainly excels in the clear and simple manner of bringing necessary things to the attention of the pupil."—MARETA A. WEBSTER, Teacher of Music, Wooster, Ohio.

### PLEASED AND DELIGHTED.

"I am not merely pleased, I am delighted with it."—G. L. ROBERTSON, Supervisor of Public Schools, Chattanooga, Tenn.

### MUCH SUPERIOR TO ANYTHING ELSE OF THE KIND.

"The Natural Course in Music is much superior to anything of the kind I have seen."—CARRIE A. AUCHAN, Teacher of Music, Cincinnati, O.

### NOBLE.

"A noble series."—H. M. BUTLER, Indianapolis, Ind.

## THE COURSE

Natural Course in Music Primer, 30 cents; First Reader, 30 cents; Second, Third, and Fourth Readers, each 35 cents; Fifth Reader, 50 cents; Natural Music Charts, Series A, B, C, D, E, F, and G, each Series, \$4.00.

Books sent on receipt of the prices. Correspondence with reference to examination and introduction is cordially invited.

New York.  
Cincinnati.  
Chicago.

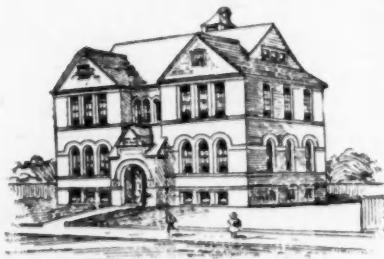
AMERICAN BOOK COMPANY,

521-531 Wabash Ave., Chicago.

ESTABLISHED 1870.

GEO. PALLISER, ARCHITECT,

32 Park Place, Cor. Church St., New York.



PLANS AND SPECIFICATIONS for SCHOOLS for erection in any part of the country carefully drawn and promptly furnished. A large experience in this specialty during many years past enables me to guarantee practical and economical results with the latest and most modern ideas incorporated. I invite correspondence with Trustees and Committees who want these advantages for their constituencies. A representative wanted in every town and county in the United States.

Note cuts of schools designed for different places in the past.

THOMAS & RAPP  
ARCHITECTS,

100 Washington St., CHICAGO.

Architects of the South Evanston School.

H. G. KOCH.

H. J. BOWEN.

H. E. Koch & Co.,

ARCHITECTS,

School Architecture a Specialty.

100 New Insurance Building, Milwaukee, Wis.

HENRY J. VAN RYN,  
Architect.

Schools and Public Buildings a Specialty.

TELEPHONE 1928.

Office Rooms 36 and 37 Merrill Bldg., 211 Grand Ave.,

MILWAUKEE, WIS.



Steam Heating Boilers.

The  
Natural  
System.

Principal Enright, of the Freehold, N. J., High School, says, regarding the "Florida" system of heating and ventilation:

"The heating and ventilating apparatus that you installed in our new High School building is working exceedingly well, even beyond our expectations. I had always believed that the fan system was the best known at the present time, but that the natural system was good and more economical and simpler to run. After two months of trial of the natural system, and after observing the working of the fan system in other places, I have come to the conclusion that the natural system gives as good results in changing the air, and is a good deal cheaper to run. I have at no time detected any foul odors in the class rooms. We can change the temperature 10 degrees at any time in from five to eight minutes. The teachers are delighted with the ventilation. One of them, who was a pure air extremist, and who under the old regime had either doors or windows open all the time, now believes that she gets better results from the ventilator alone than formerly from open windows. I cannot be more emphatic than to say that we are more than pleased with the heating and ventilating. We are proud of it."

WRITE FOR CATALOGUE.

American Boiler Company, Department C.,

"We Heat the World."

New York: 94 Centre St.

Chicago: 84 Lake St.



Blue Valley

Slate Blackboards

Write for full particulars and prices before placing orders. ....

† † † The Best in the World.

NOT IN THE TRUST.

We are the largest handlers of Natural Slate Blackboards in the United States.  
JAS. L. FOOTE, Mgr.

SLATINGTON-BANGOR SLATE SYNDICATE,

SLATINGTON, PA.